Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080717\
Data File : BE093697.D
Acq On : 7 Aug 2017 11:48
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Aug 07 13:20:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 11:34:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2734	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	13725	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	8022	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	20347	0.40	ng		0.00
27) Chrysene-d12	21.40	240	21116	0.40	ng		0.00
34) Perylene-d12	23.91	264	18026	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	14362	1.76	ng		0.00
5) Phenol-d6	7.09	99	21726	1.77	ng		0.00
8) Nitrobenzene-d5	9.06	82	20317	1.94	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	36056	1.66	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	3986	2.15	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	49940	1.56	ng		0.00
25) Fluoranthene-d10	19.27	212	358391	1.55	ng		0.00
29) Terphenyl-d14	19.86	244	60858	1.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	6210	1.401	ng		90
3) n-Nitrosodimethylamine	3.74	42	7404	1.783	ng		94
6) bis(2-Chloroethyl)ether	7.34	93	17202	1.668	ng	#	99
9) Naphthalene	10.76	128	253081	1.593	ng		99
10) Hexachlorobutadiene	11.04	225	9465	1.608	ng		100
12) 2-Methylnaphthalene	12.36	142	43165	1.642	ng		96
16) Acenaphthylene	14.24	152	68201	1.779	ng	#	87
17) Acenaphthene	14.59	154	44301	1.638	ng		97
18) Fluorene	15.56	166	56780	1.571	ng	#	88
20) 4-Bromophenyl-phenylether	16.42	248	8400	1.306	ng	#	1
21) Hexachlorobenzene	16.55	284	9269	1.414	ng	#	100
22) Pentachlorophenol	16.91	266	7174	2.555	ng		94
23) Phenanthrene	17.27	178	69914	1.563	ng	#	79
24) Anthracene	17.37	178	108798	1.778	ng	#	90
26) Fluoranthene	19.30	202	108938	1.529	ng		99
28) Pyrene	19.66	202	111970	1.641	ng	#	99
30) Benzo(a)anthracene	21.39	228	107429	1.731	ng		94
31) Chrysene	21.45	228	109036	1.575	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	220132	2.601	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	104462	1.666	ng		94
35) Benzo(b)fluoranthene	23.14	252	101109	1.572	ng	#	94
36) Benzo(k)fluoranthene	23.19	252	103101	1.568	ng	#	92
37) Benzo(a)pyrene	23.80	252	95381	1.637	ng	#	91
38) Dibenzo(a,h)anthracene	26.57	278	90502	1.609	ng	#	88
39) Benzo(g,h,i)perylene	27.36	276	90231	1.582	ng	#	92

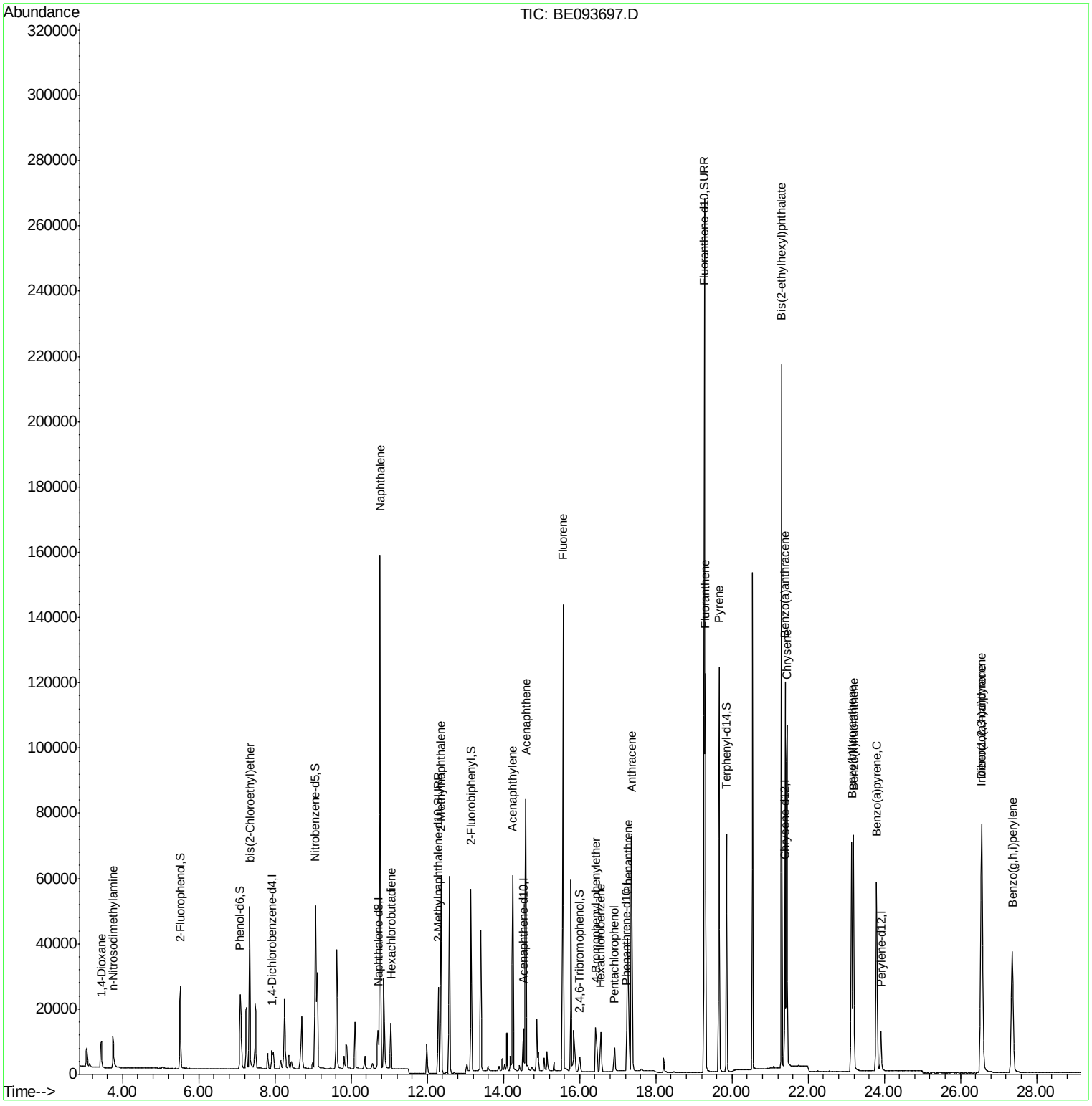
(#) = qualifier out of range (m) = manual integration (+) = signals summed

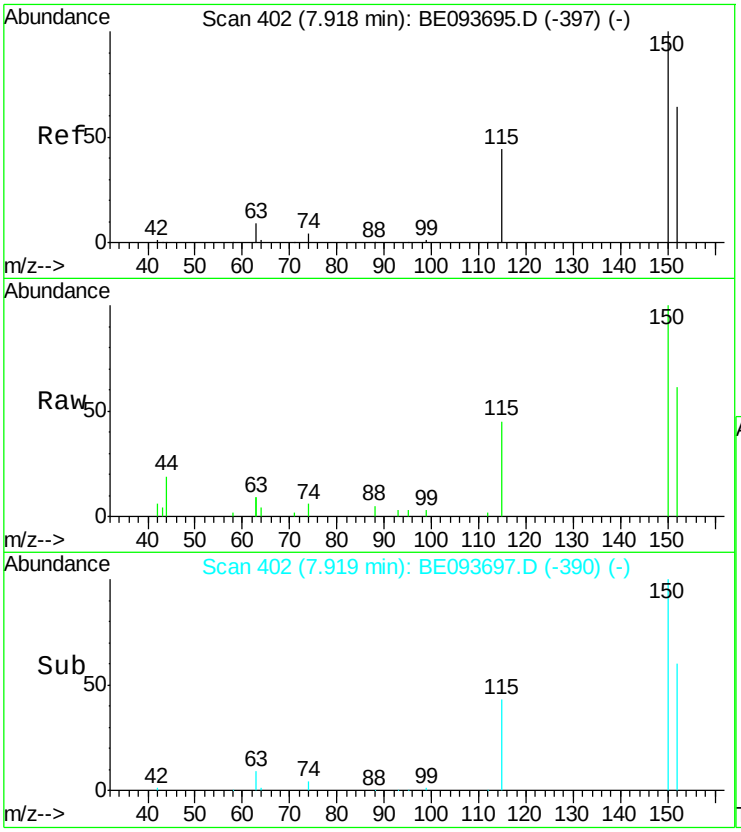
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080717\
Data File : BE093697.D
Acq On : 7 Aug 2017 11:48
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Aug 07 13:20:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 11:34:36 2017
Response via : Initial Calibration



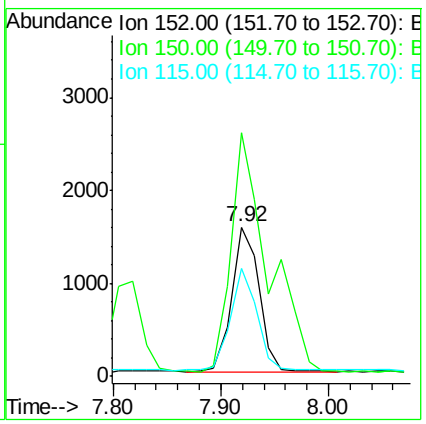


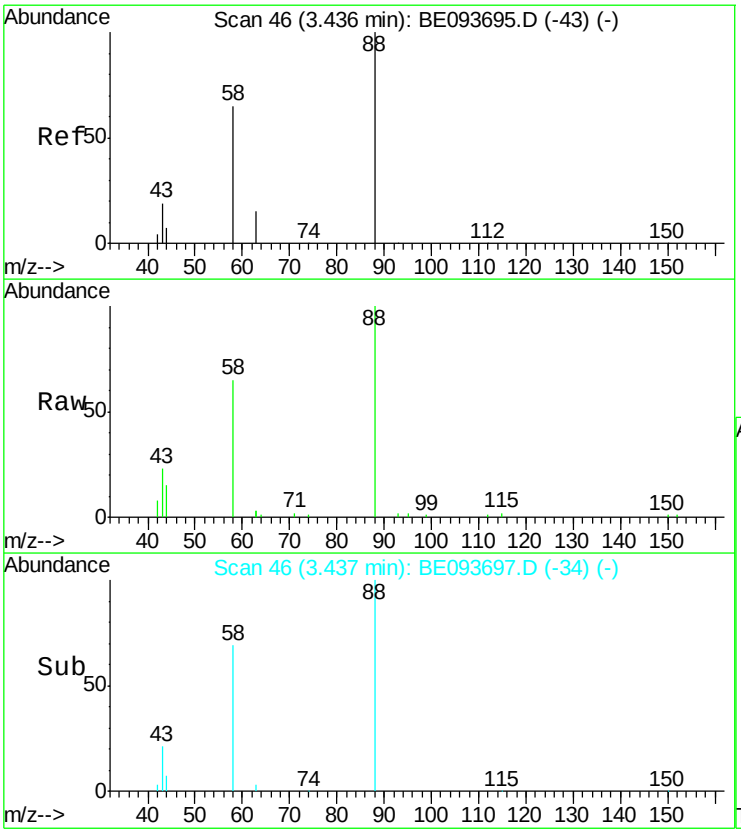
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 2734

Ion	Ratio	Lower	Upper
152	100		
150	163.3	125.1	187.7
115	72.8	55.7	83.5

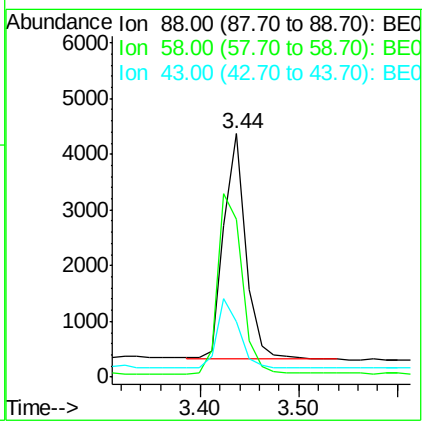


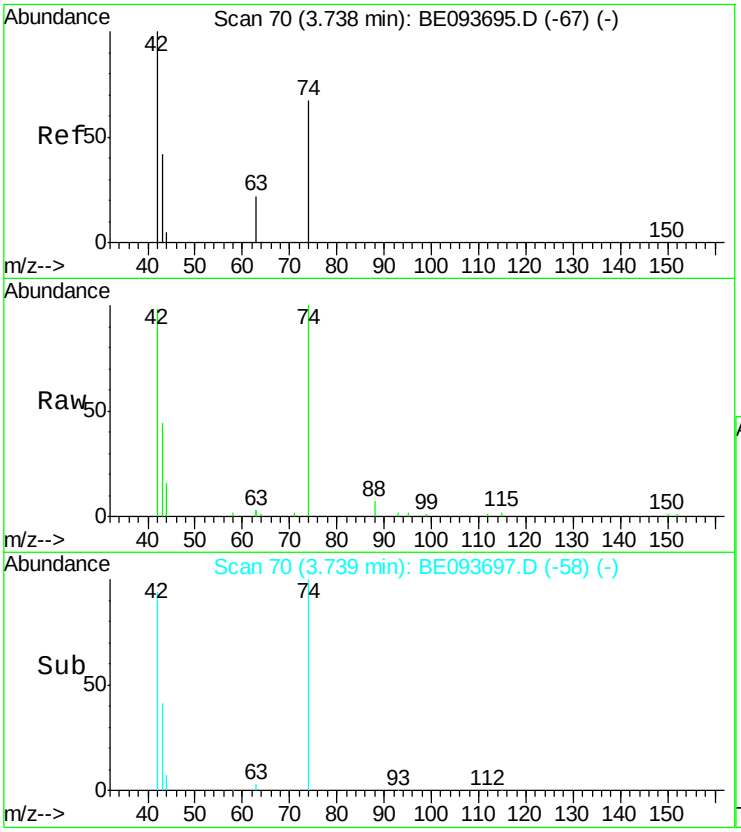


#2
1,4-Dioxane
Concen: 1.401 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion: 88 Resp: 6210

Ion	Ratio	Lower	Upper
88	100		
58	88.8	62.2	93.4
43	31.4	23.2	34.8



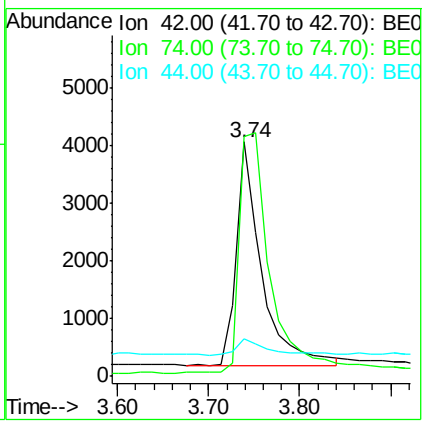


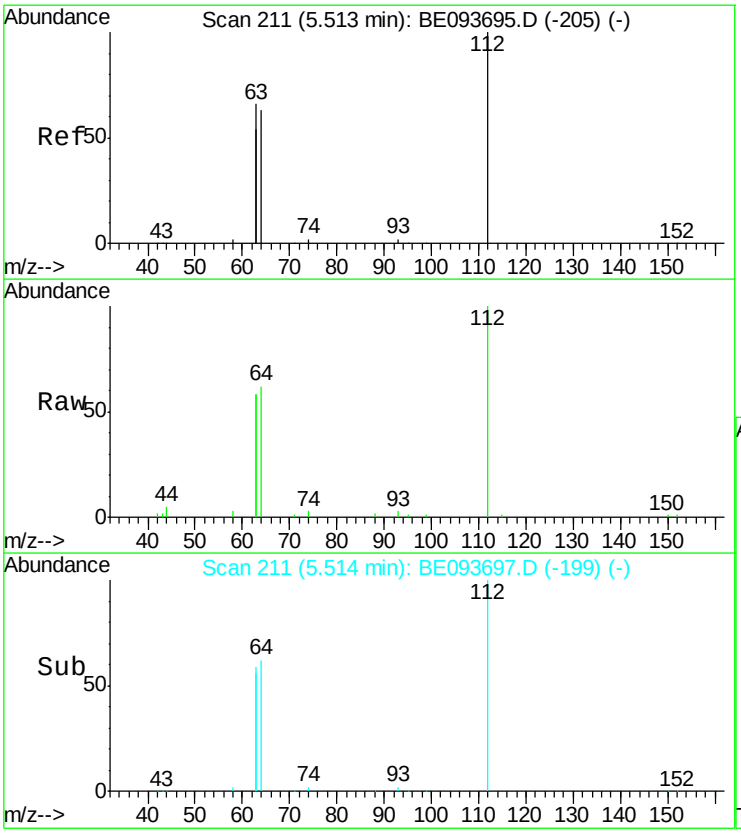
#3
n-Nitrosodimethylamine
Concen: 1.783 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 7404

Ion	Ratio	Lower	Upper
42	100		
74	131.3	99.1	148.7
44	10.0	7.4	11.2

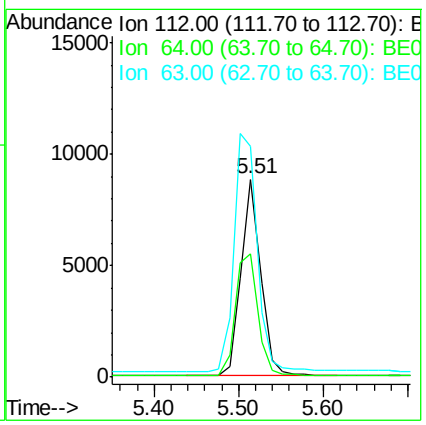


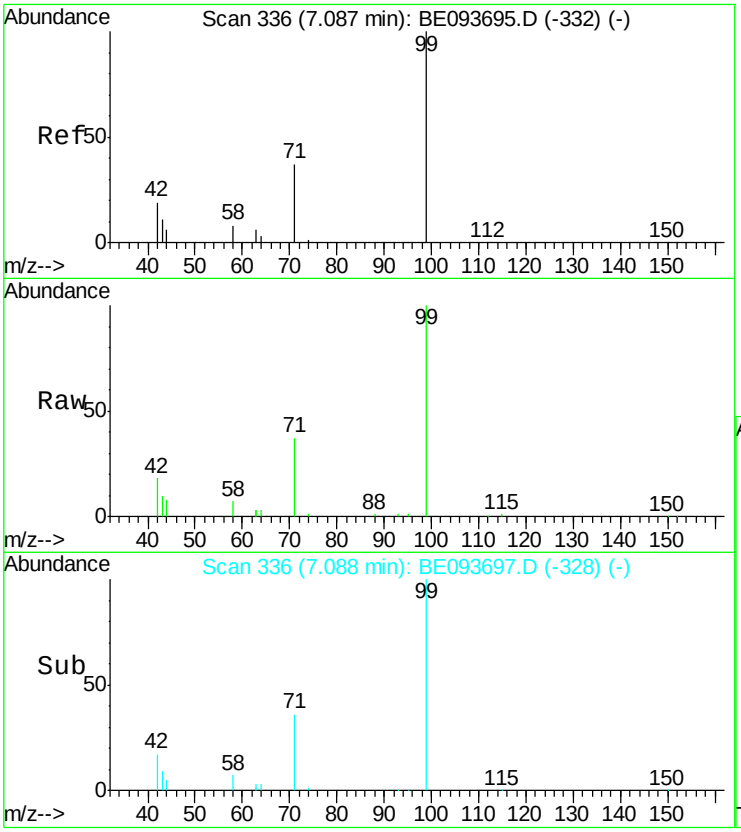


#4
2-Fluorophenol
Concen: 1.763 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:112 Resp: 14362

Ion	Ratio	Lower	Upper
112	100		
64	71.6	56.4	84.6
63	141.8	29.3	43.9#



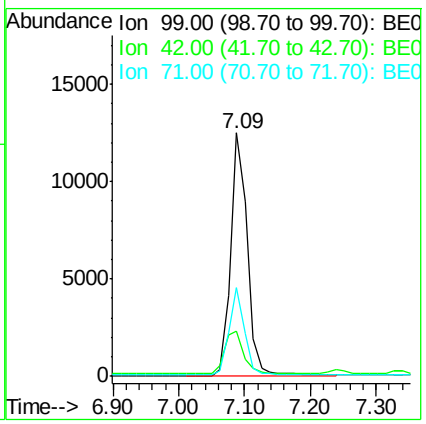


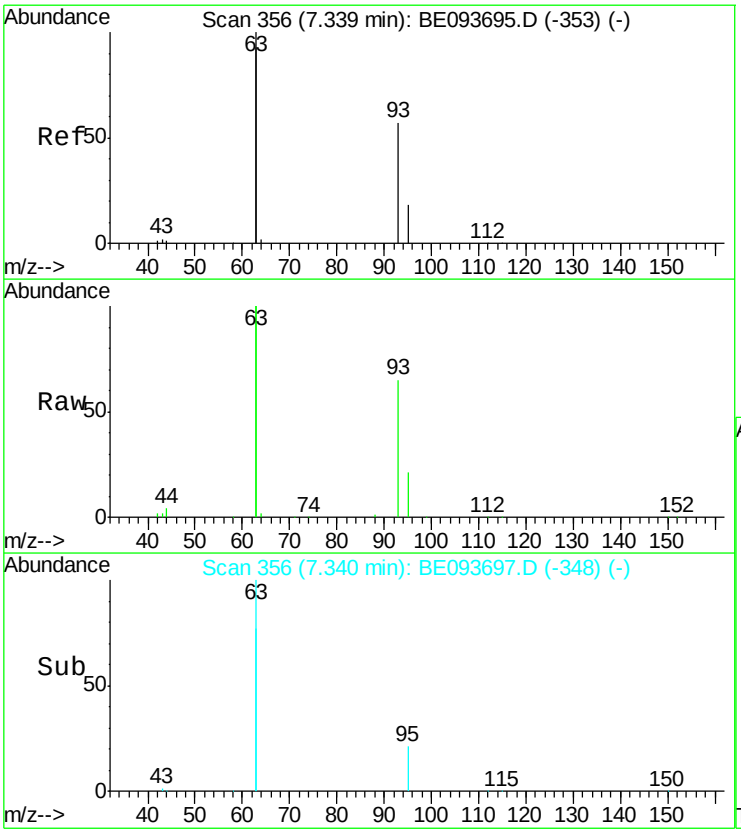
#5
Phenol-d6
Concen: 1.772 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 21726

Ion	Ratio	Lower	Upper
99	100		
42	20.5	0.0	0.0#
71	34.2	0.0	0.0#

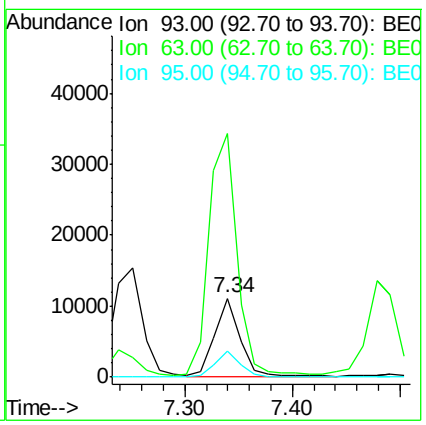


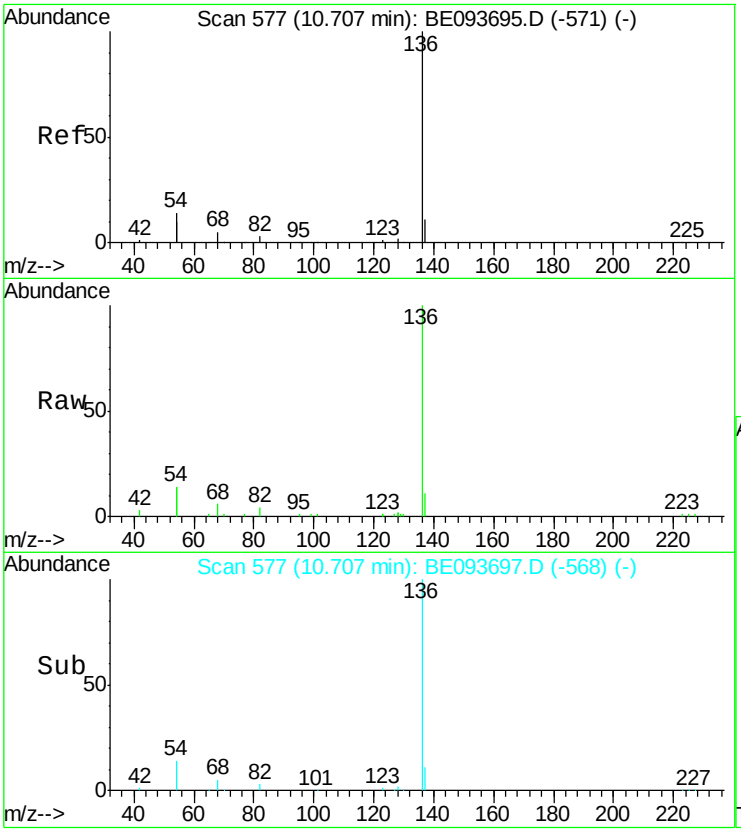


#6
bis(2-Chloroethyl)ether
Concen: 1.668 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion: 93 Resp: 17202

Ion	Ratio	Lower	Upper
93	100		
63	352.6	0.0	0.0#
95	32.4	25.4	38.0



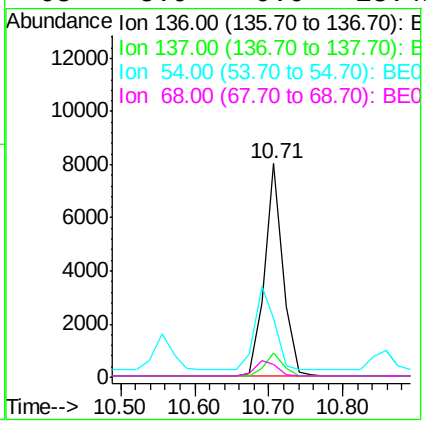


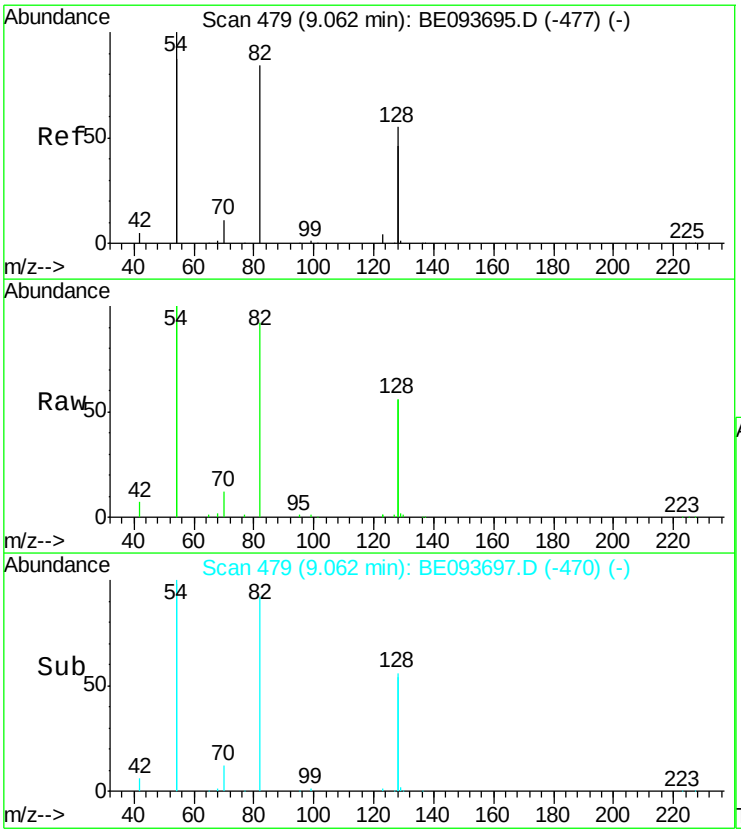
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 13725

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	27.8	10.3	15.5#
68	5.9	9.0	13.4#

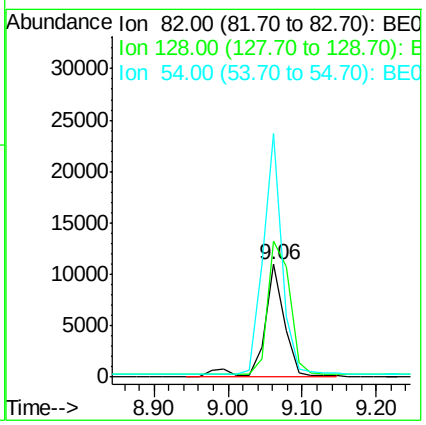


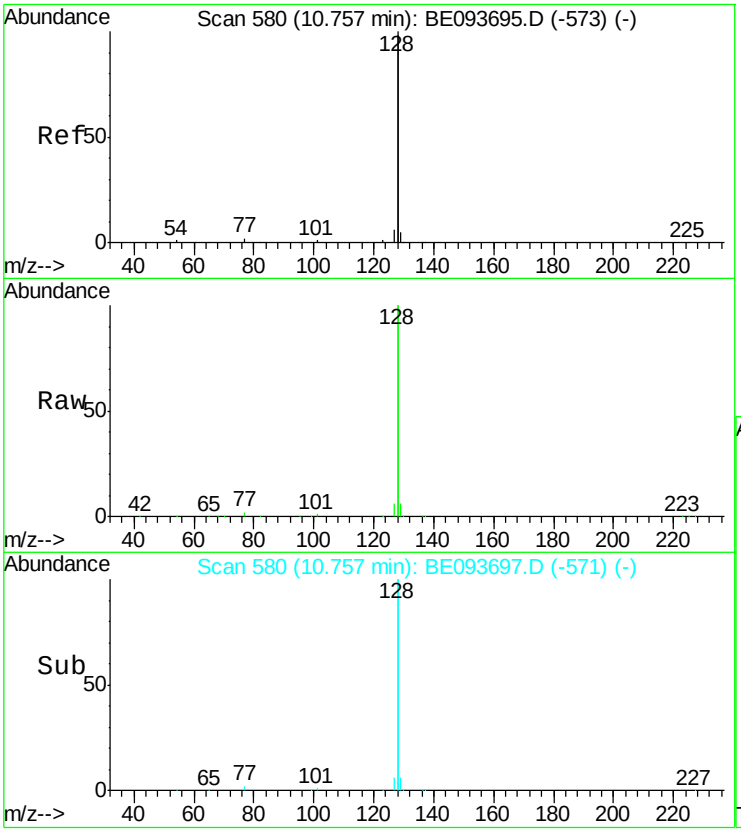


#8
Nitrobenzene-d5
Concen: 1.940 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion: 82 Resp: 20317

Ion	Ratio	Lower	Upper
82	100		
128	121.5	17.0	25.4#
54	216.5	53.8	80.6#



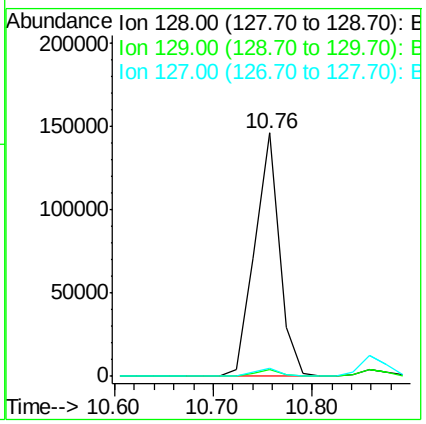


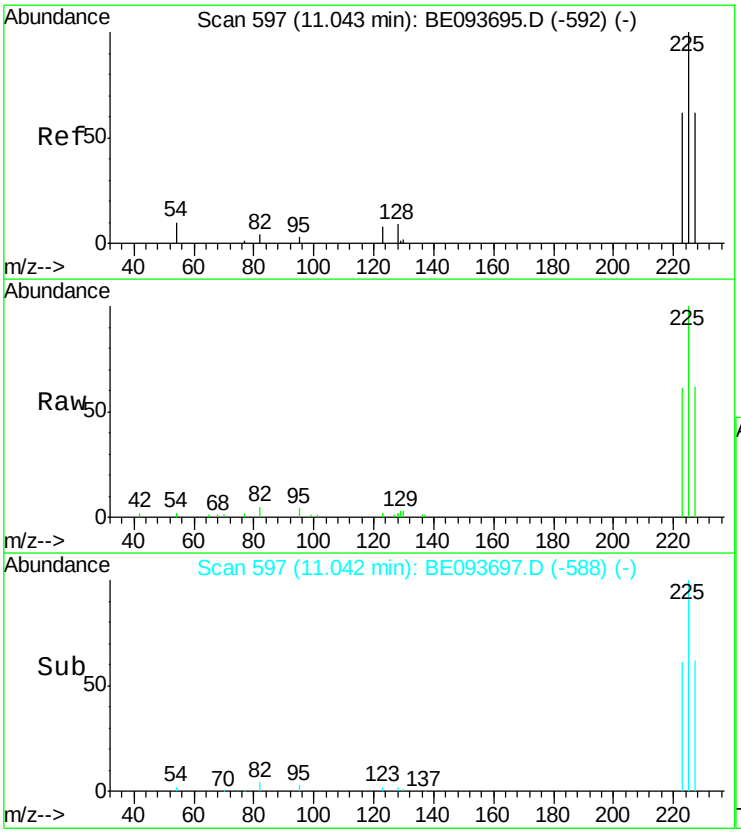
#9
Naphthalene
Concen: 1.593 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 253081

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.4	3.6

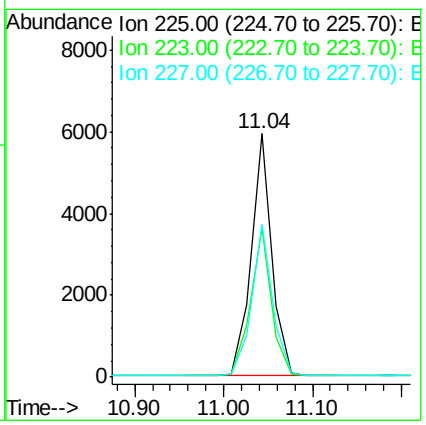


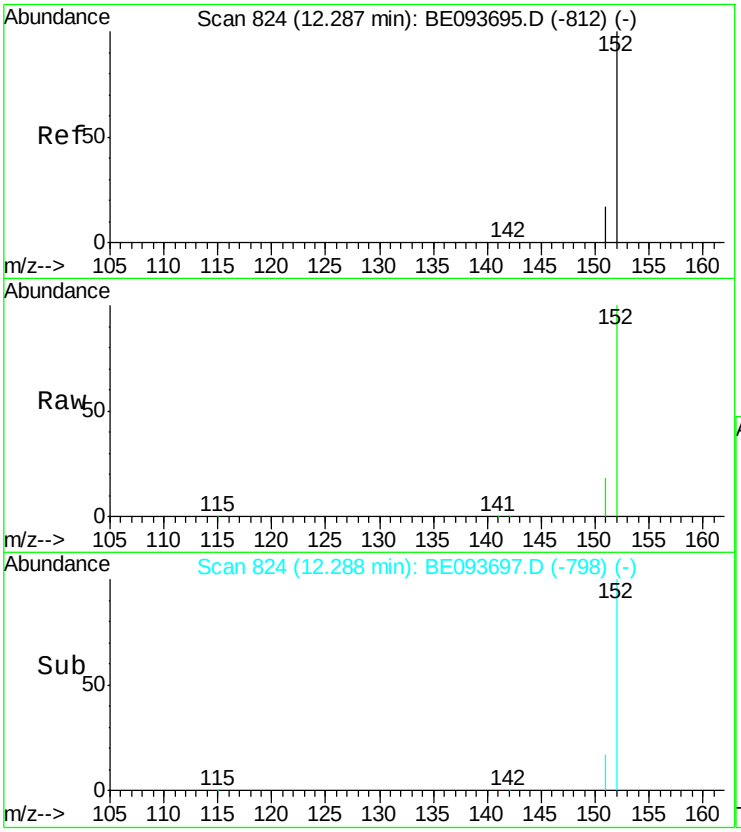


#10
Hexachlorobutadiene
Concen: 1.608 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:225 Resp: 9465

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.7	74.5
227	63.3	50.3	75.5



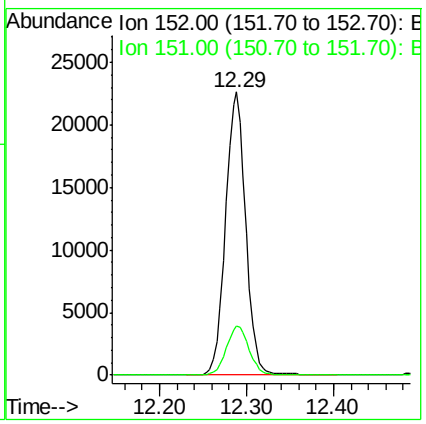


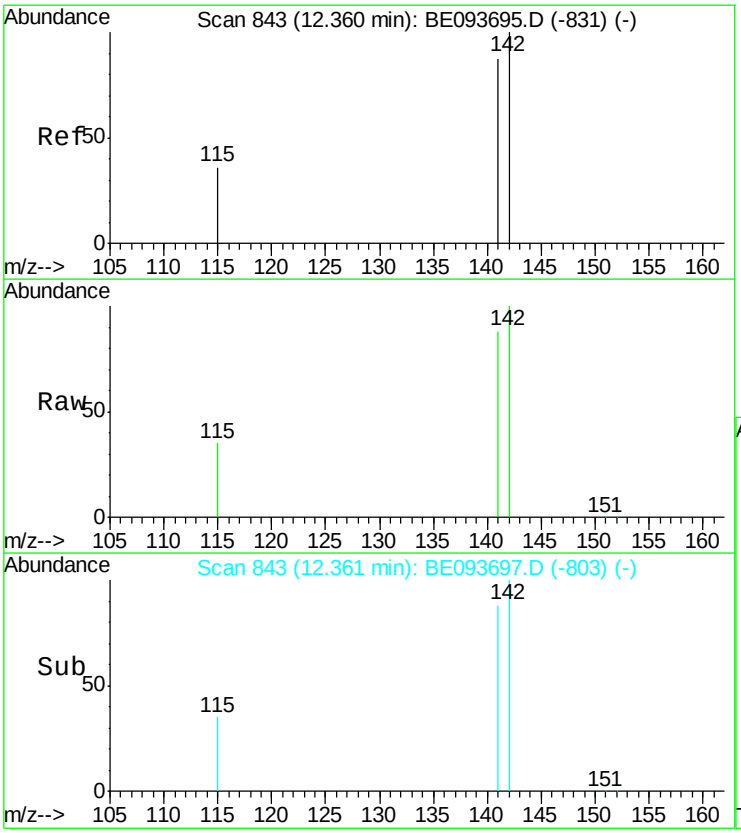
#11
2-Methylnaphthalene-d10
Concen: 1.663 ng
RT: 12.29 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 36056

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

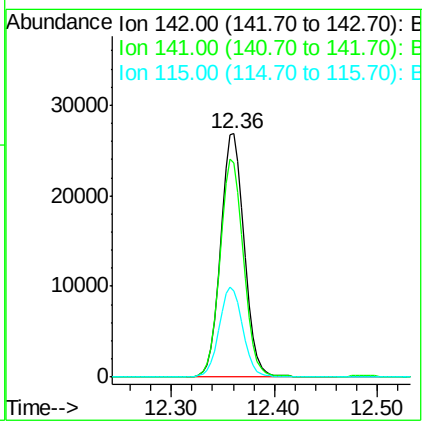


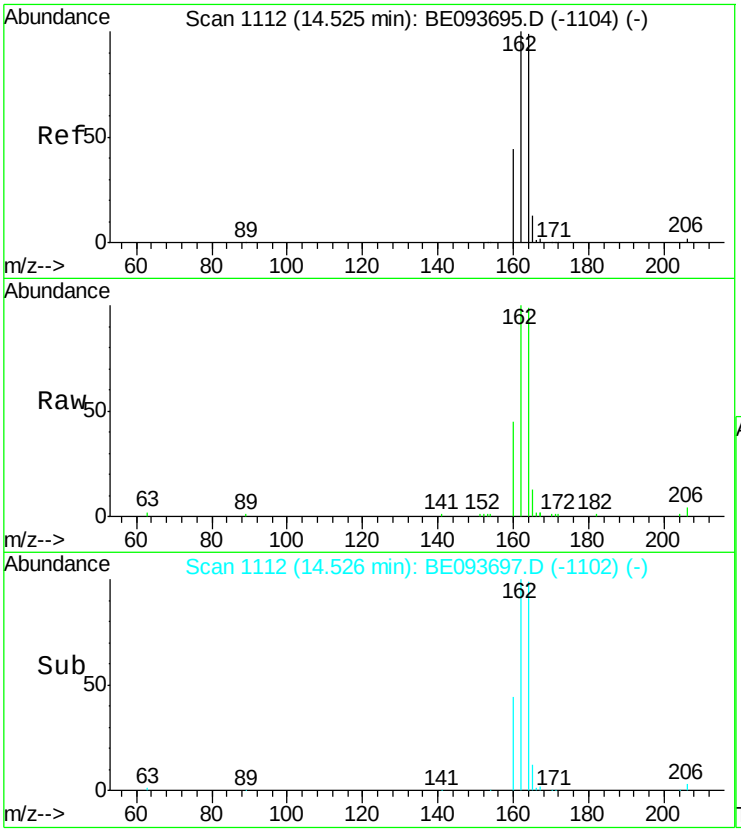


#12
2-Methylnaphthalene
Concen: 1.642 ng
RT: 12.36 min Scan# 843
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:142 Resp: 43165

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	108.8
115	35.3	32.2	48.2



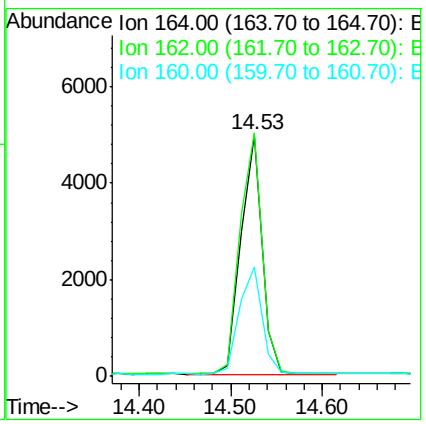


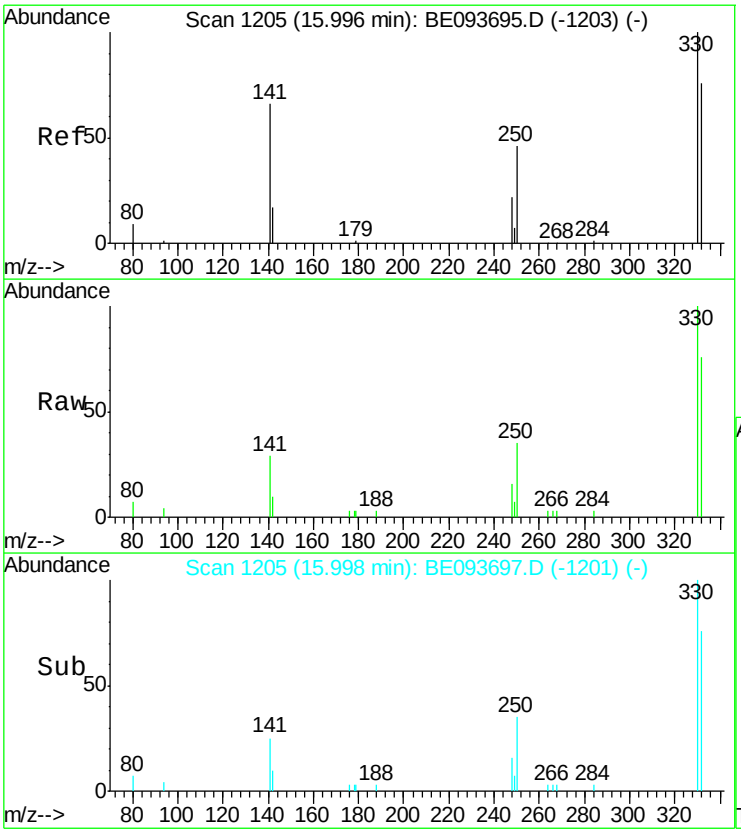
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 8022

Ion	Ratio	Lower	Upper
164	100		
162	100.8	84.6	127.0
160	45.4	41.8	62.6

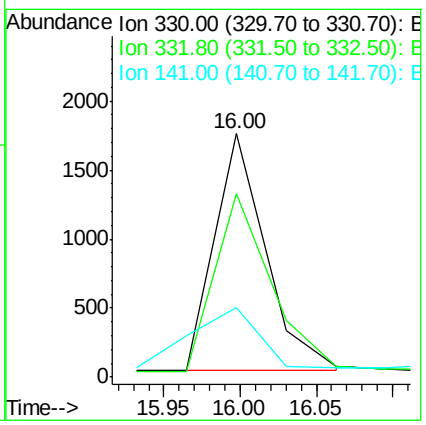


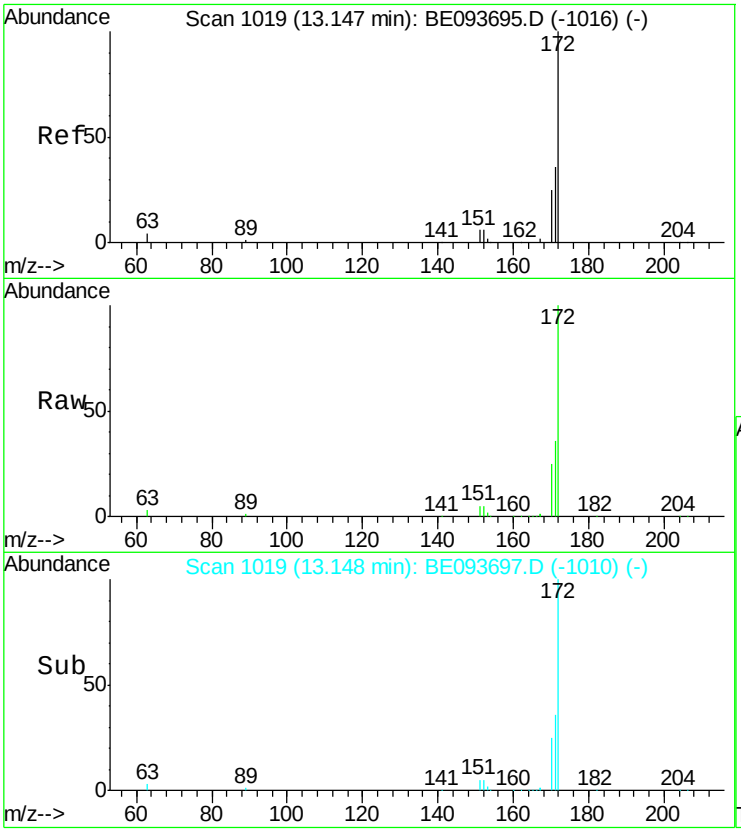


#14
2,4,6-Tribromophenol
Concen: 2.148 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:330 Resp: 3986

Ion	Ratio	Lower	Upper
330	100		
332	82.5	77.7	116.5
141	34.2	56.2	84.4#



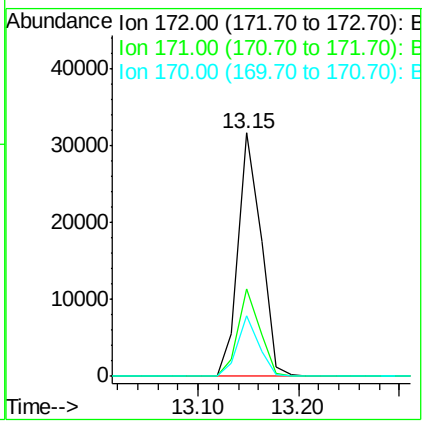


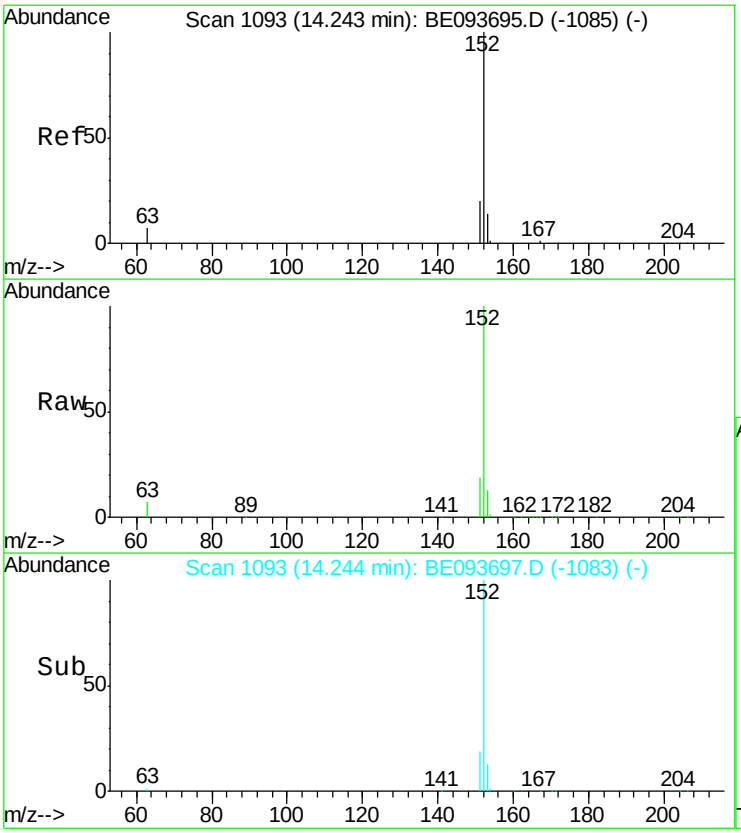
#15
2-Fluorobiphenyl
Concen: 1.555 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 49940

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.8	20.7	31.1

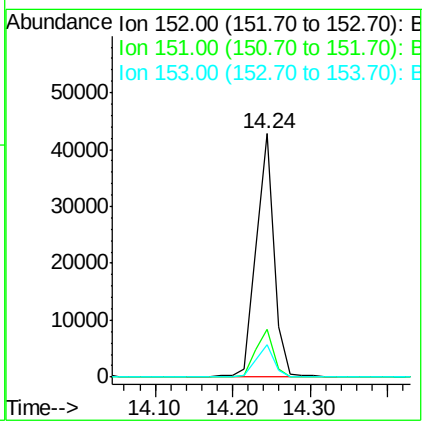


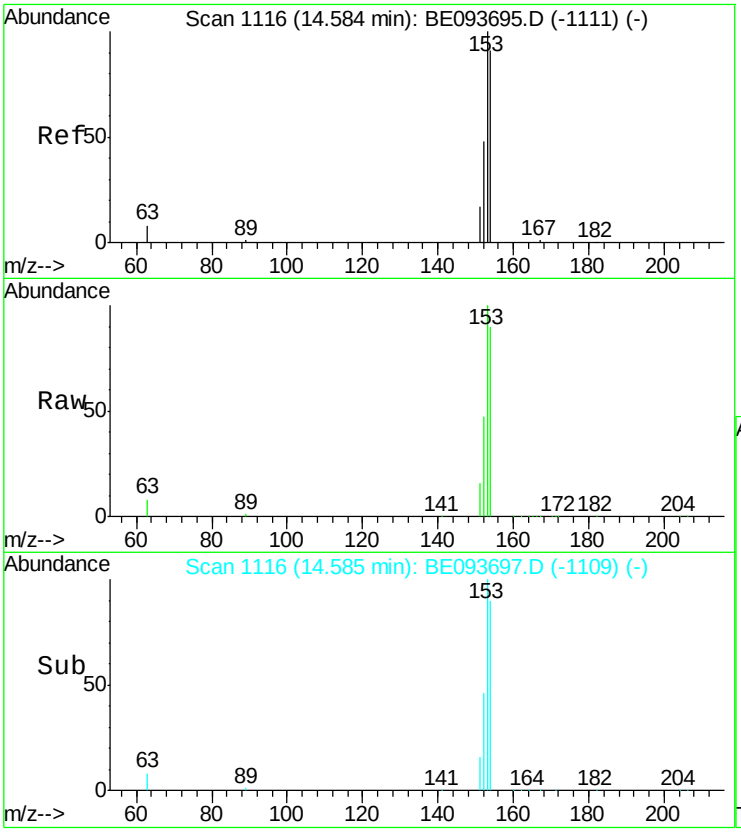


#16
Acenaphthylene
Concen: 1.779 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:152 Resp: 68201

Ion	Ratio	Lower	Upper
152	100		
151	19.6	4.0	6.0#
153	13.1	10.3	15.5



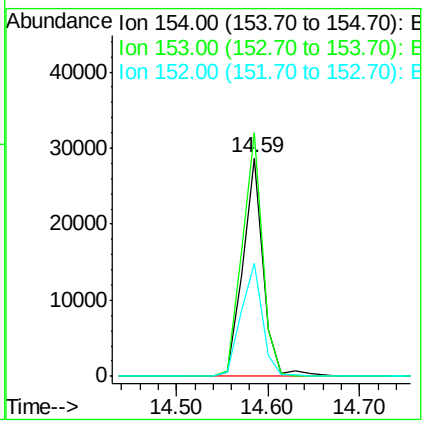


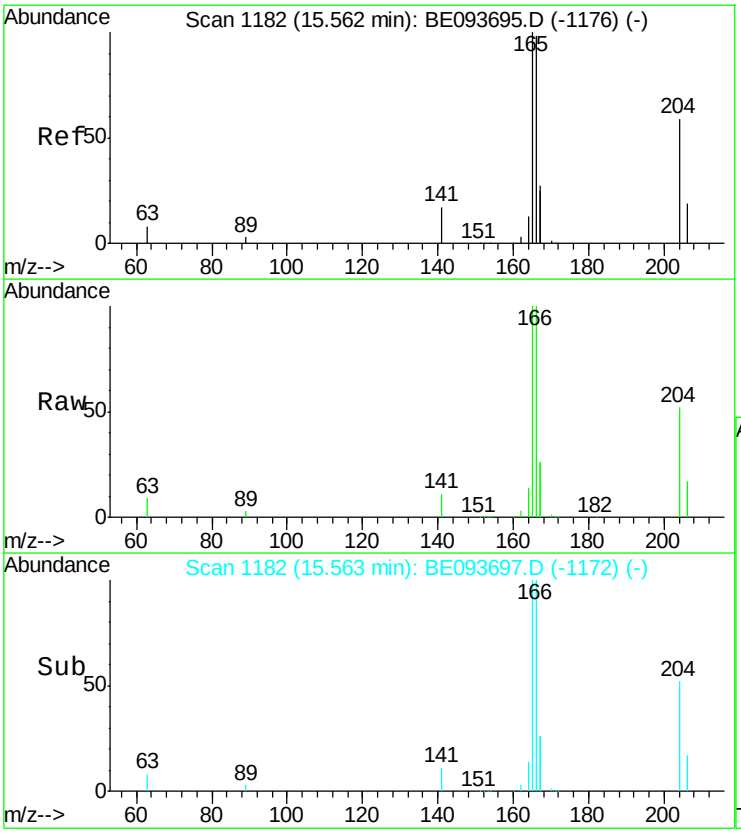
#17
Acenaphthene
Concen: 1.638 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 44301

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.2	136.8
152	53.9	44.8	67.2

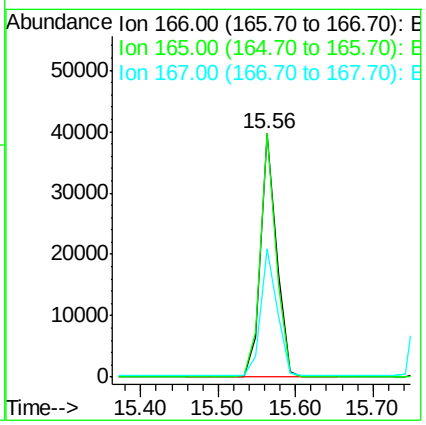


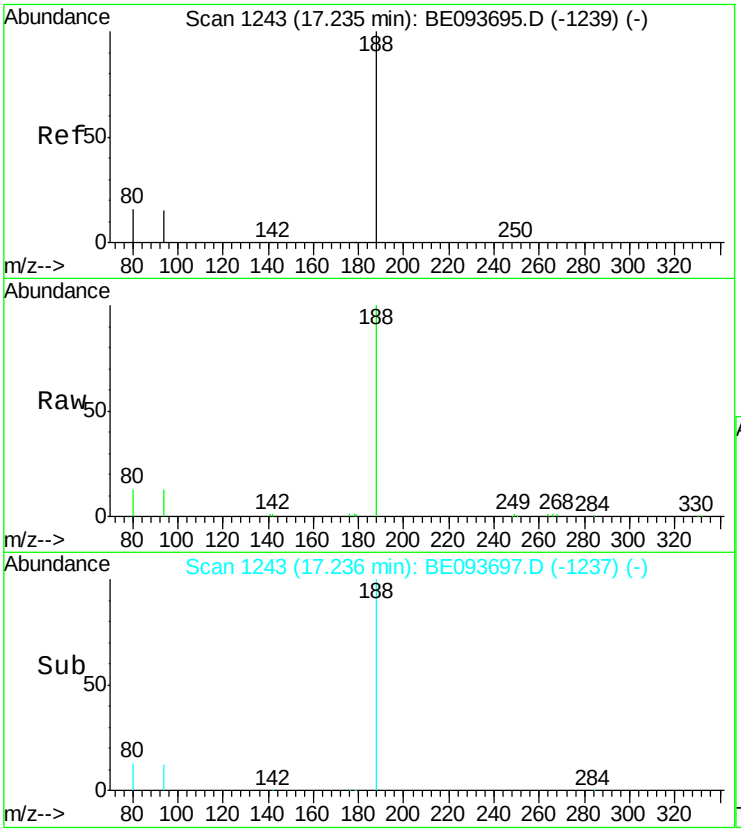


#18
Fluorene
Concen: 1.571 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:166 Resp: 56780

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	53.6	11.1	16.7#



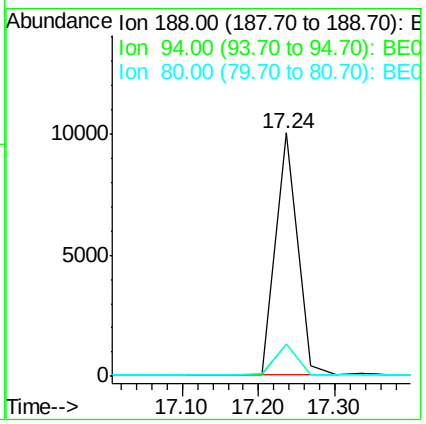


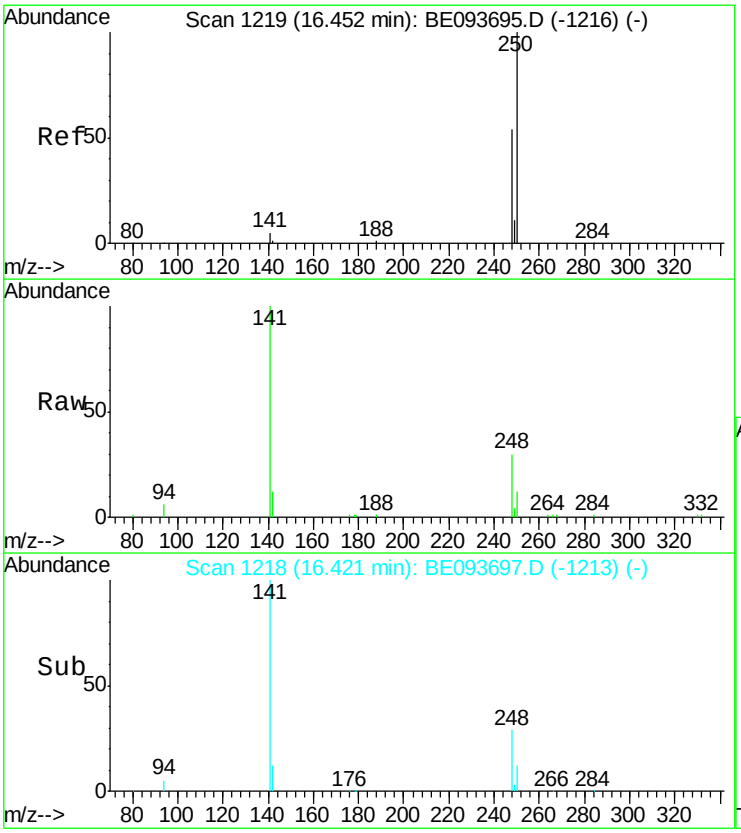
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 20347

Ion	Ratio	Lower	Upper
188	100		
94	13.1	11.3	16.9
80	13.4	11.7	17.5

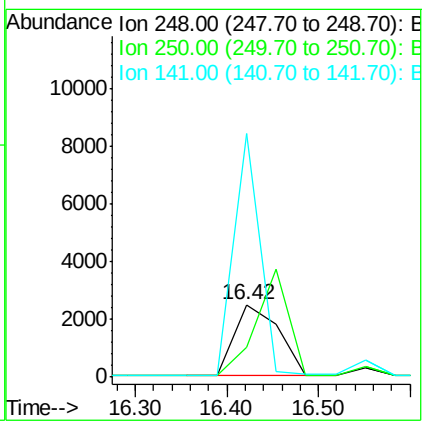


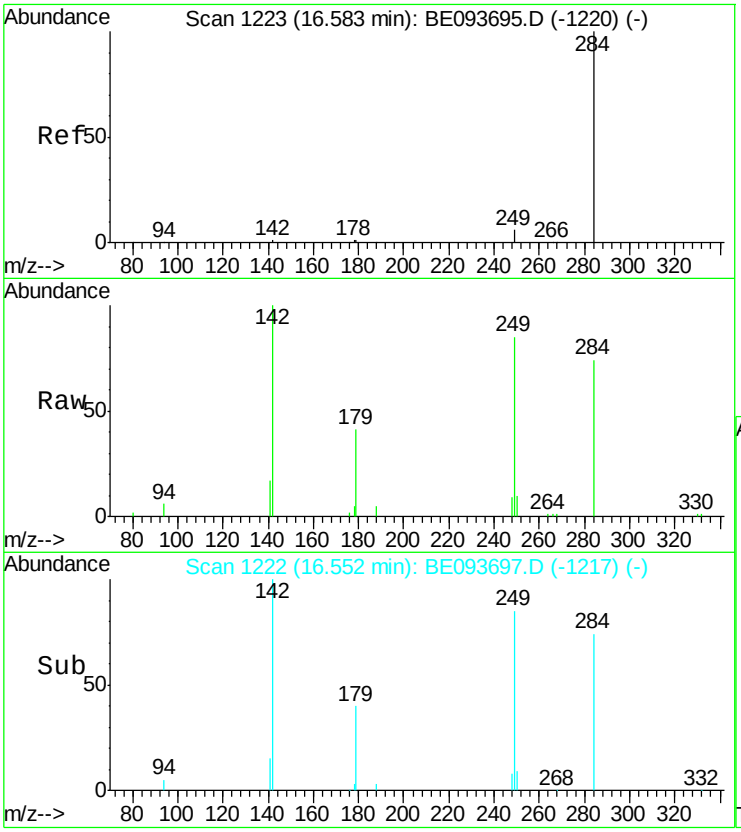


#20
4-Bromophenyl-phenylether
Concen: 1.306 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:248 Resp: 8400

Ion	Ratio	Lower	Upper
248	100		
250	41.3	128.0	192.0#
141	335.4	12.0	18.0#



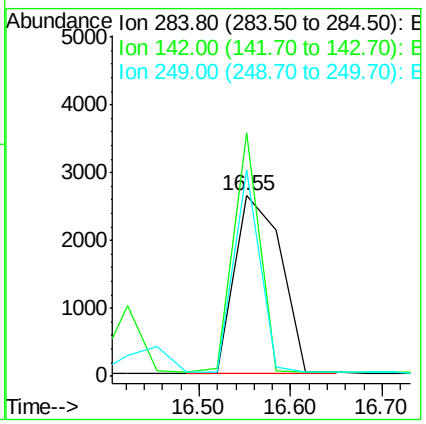


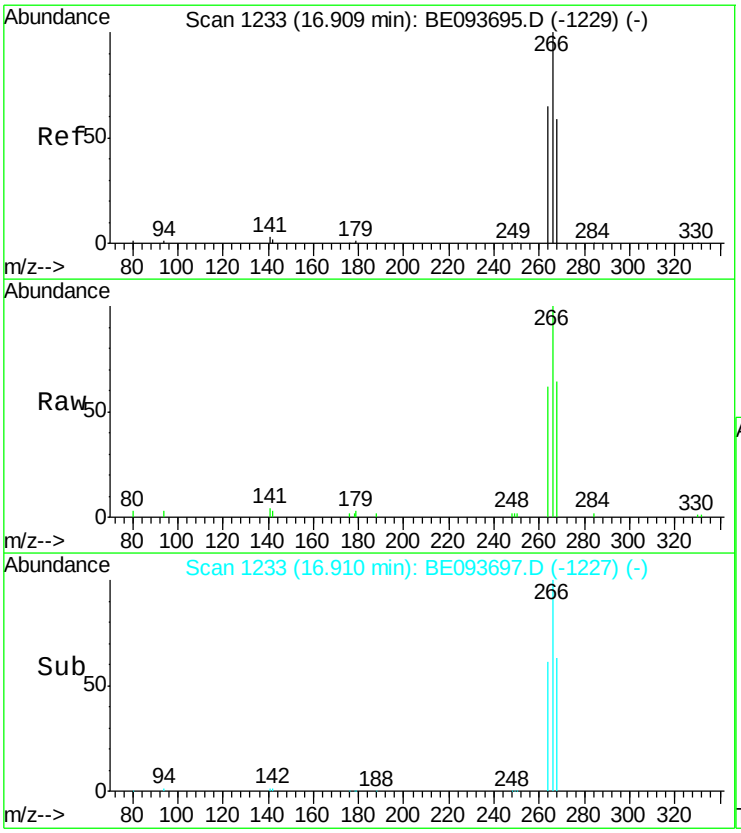
#21
Hexachlorobenzene
Concen: 1.414 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 9269

Ion	Ratio	Lower	Upper
284	100		
142	75.8	0.0	0.0#
249	64.9	0.0	0.0#

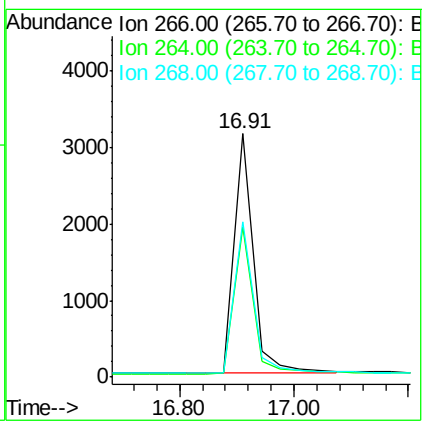


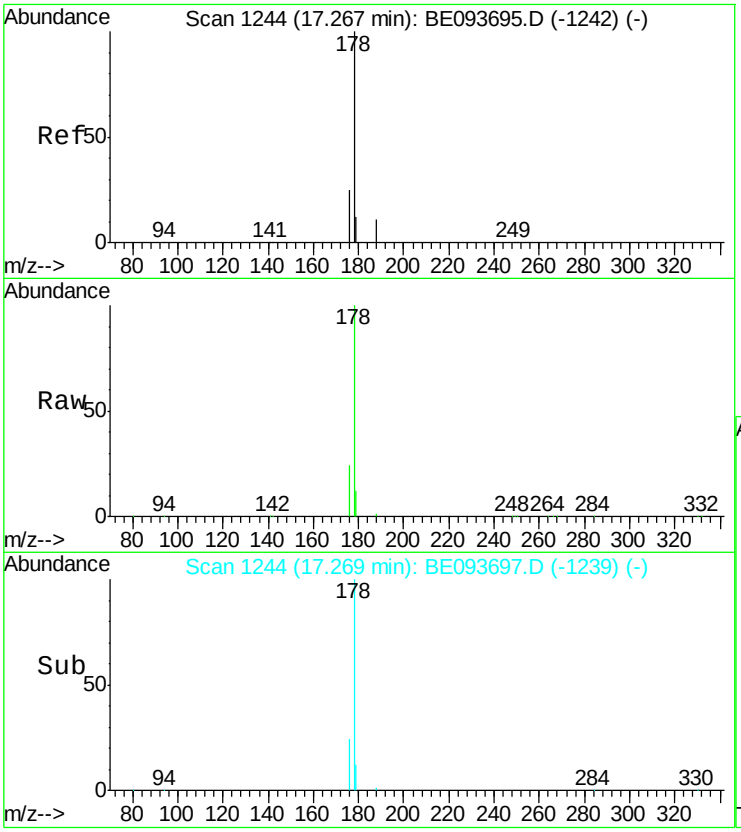


#22
Pentachlorophenol
Concen: 2.555 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:266 Resp: 7174

Ion	Ratio	Lower	Upper
266	100		
264	61.9	56.0	84.0
268	63.6	52.0	78.0



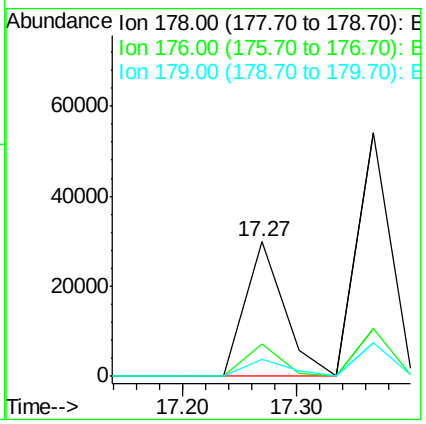


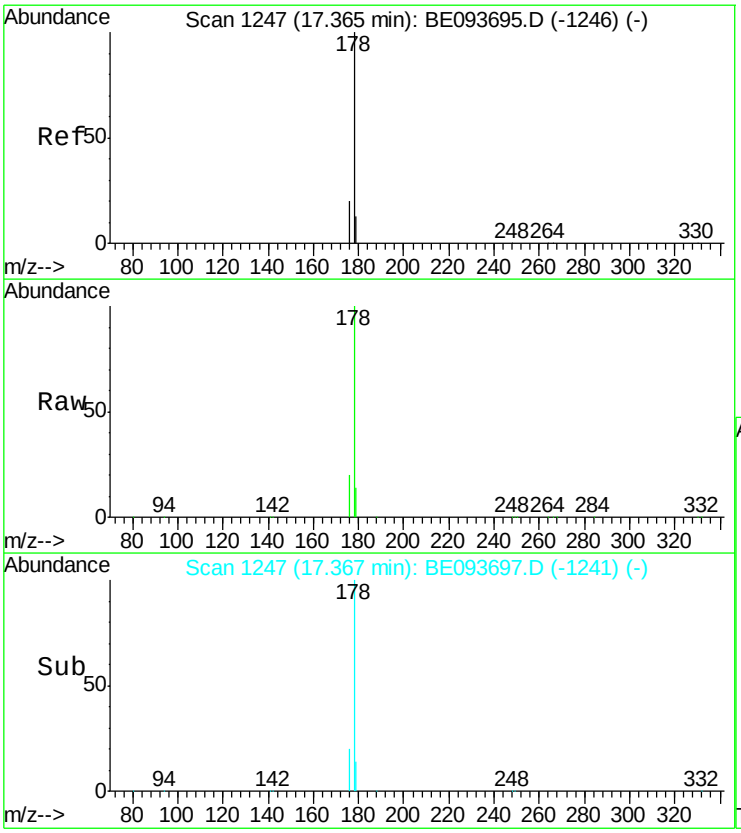
#23
Phenanthrene
Concen: 1.563 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 69914

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.0	22.4
179	0.0	12.7	19.1#

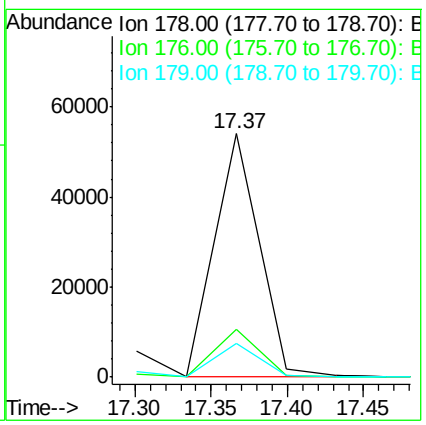


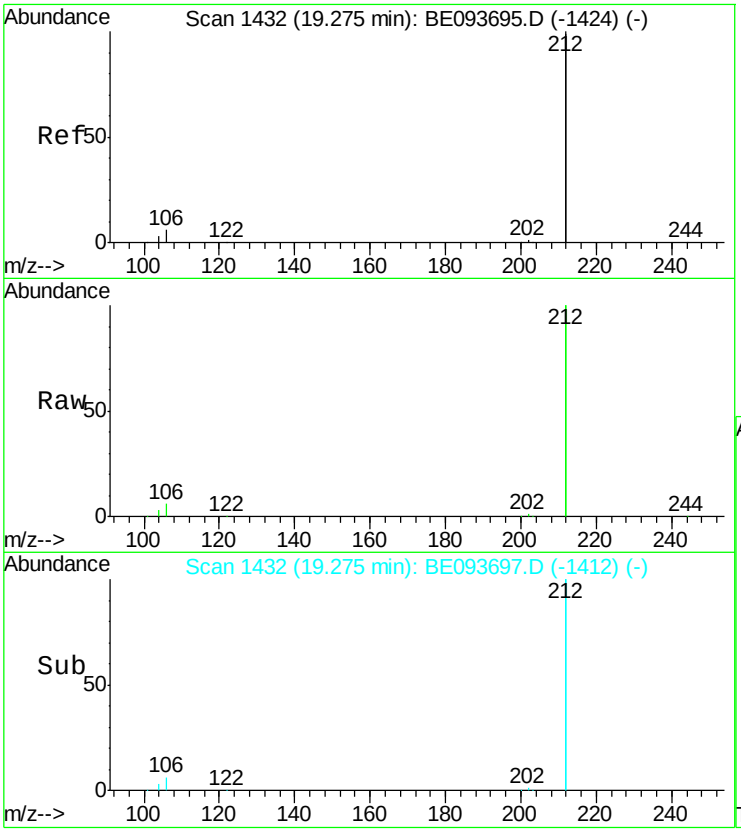


#24
Anthracene
Concen: 1.778 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:178 Resp: 108798

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	22.9	12.0	18.0#



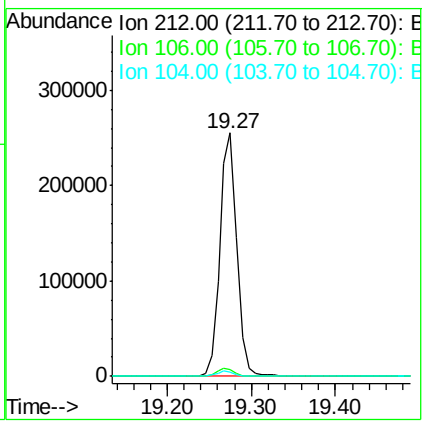


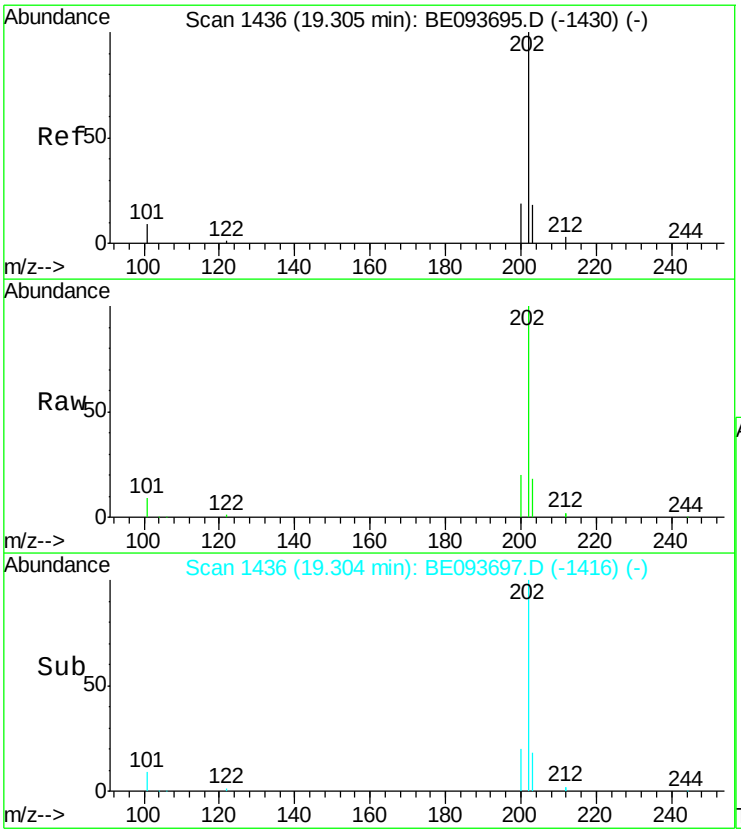
#25
Fluoranthene-d10
Concen: 1.551 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 358391

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.9	1.6	2.4

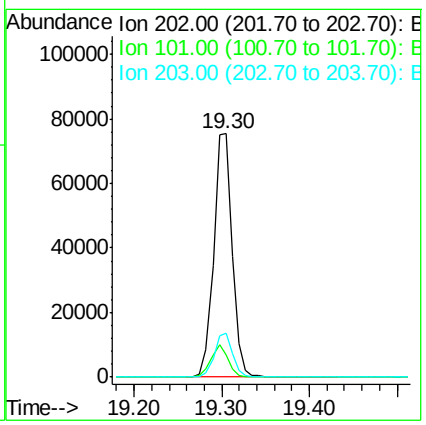


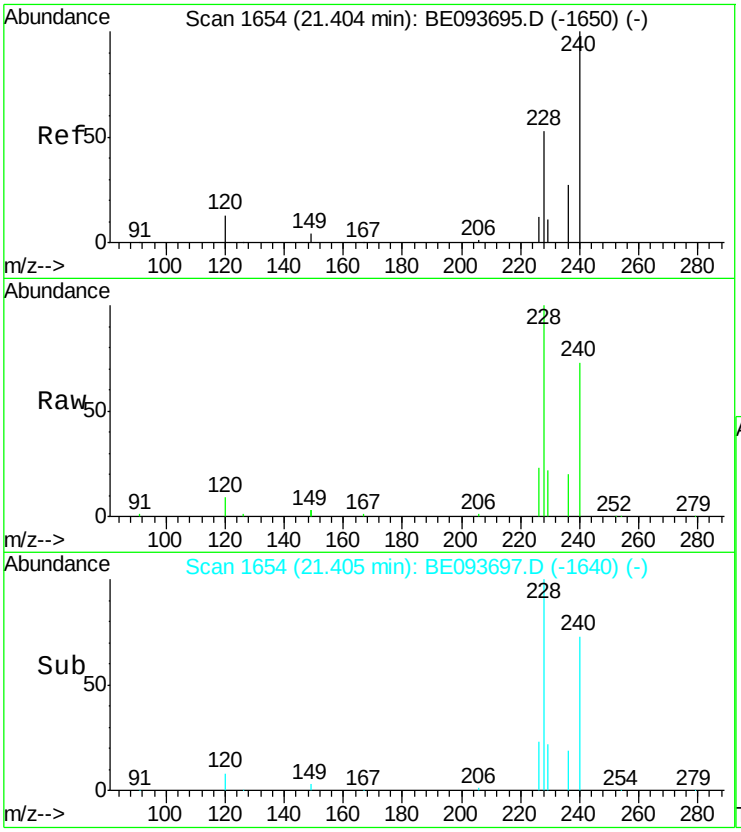


#26
Fluoranthene
Concen: 1.529 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:202 Resp: 108938

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.4	14.4	21.6



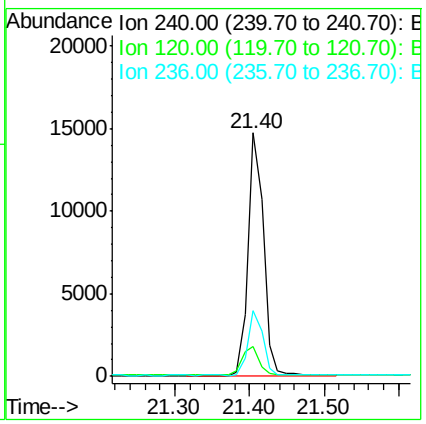


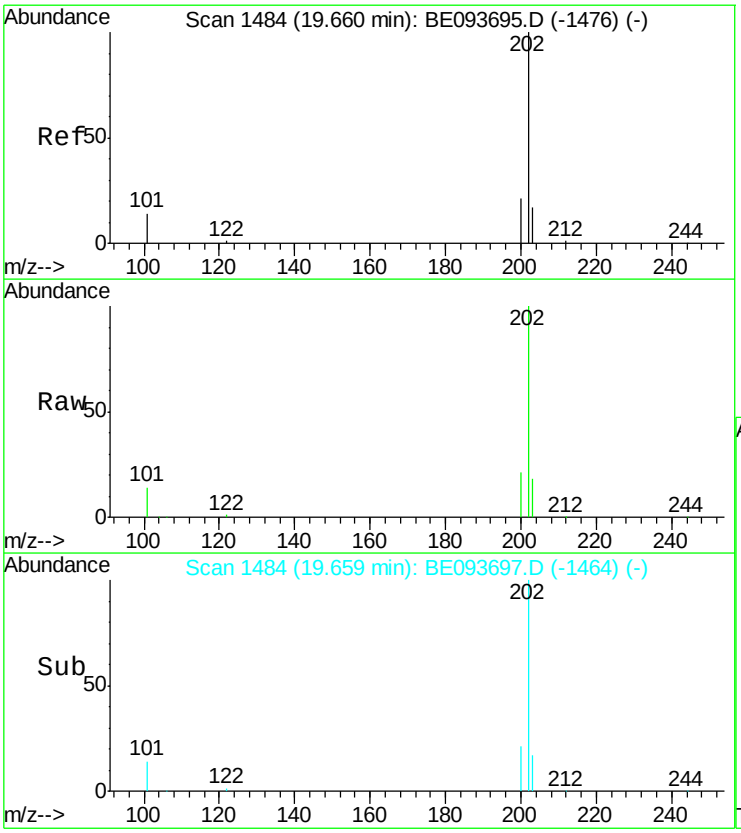
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 21116

Ion	Ratio	Lower	Upper
240	100		
120	12.1	4.6	7.0#
236	26.9	20.8	31.2

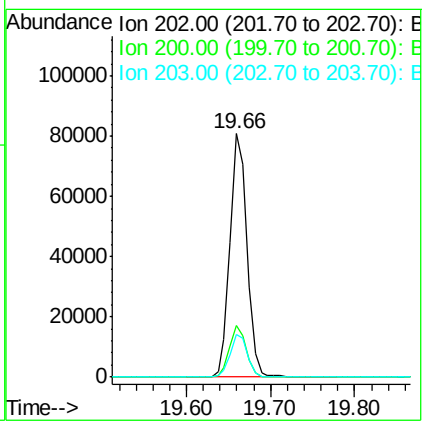


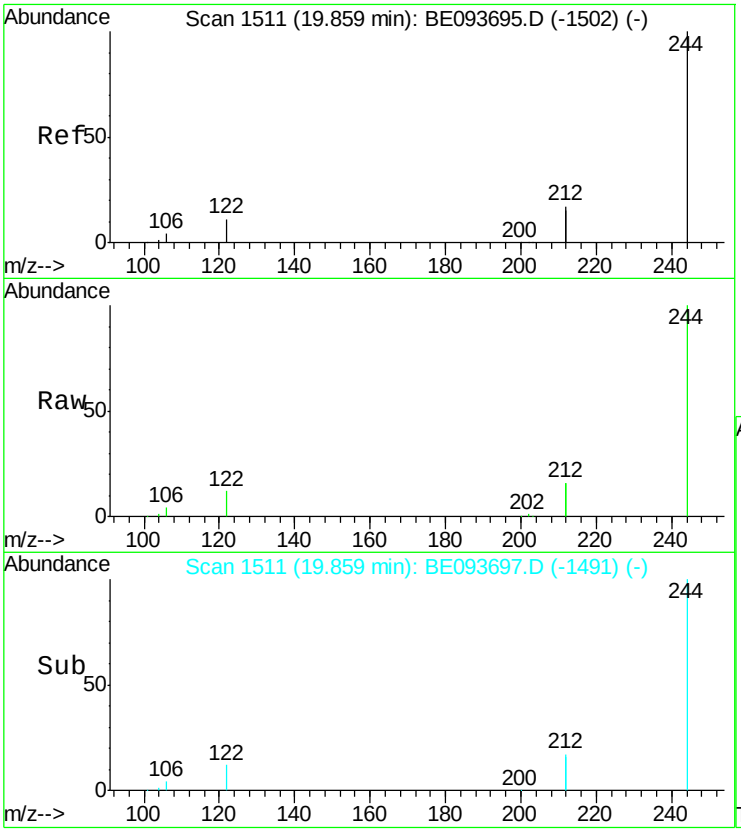


#28
Pyrene
Concen: 1.641 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:202 Resp: 111970

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	17.6	13.7	20.5



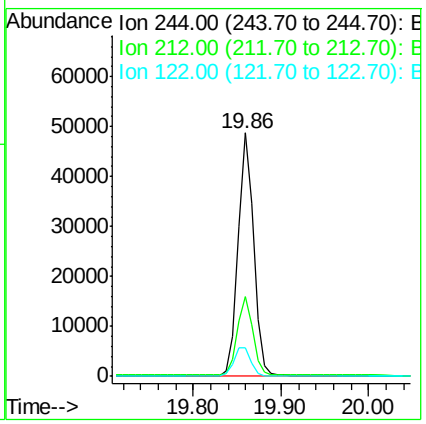


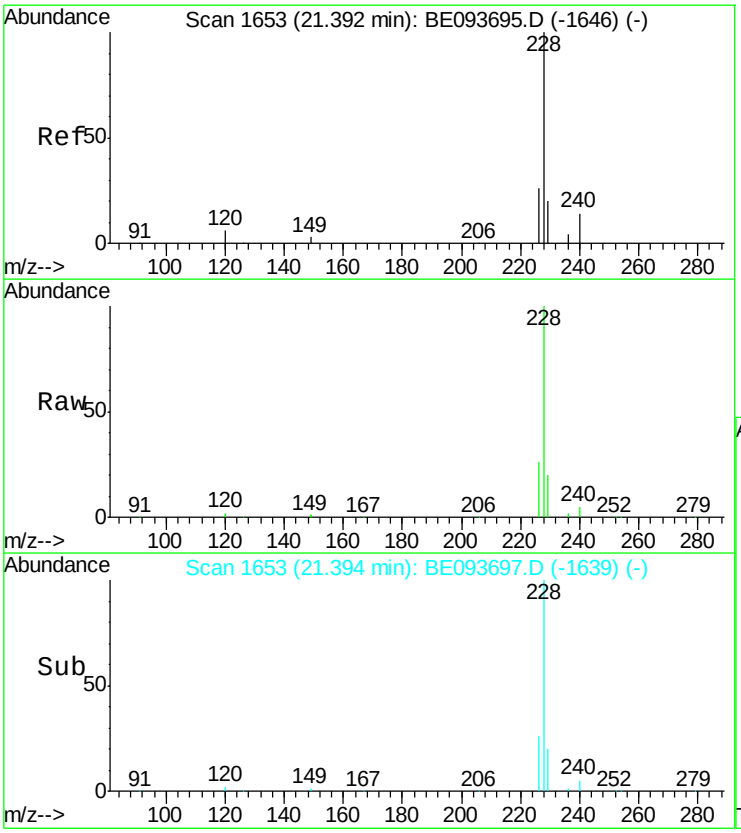
#29
Terphenyl-d14
Concen: 1.604 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 60858

Ion	Ratio	Lower	Upper
244	100		
212	33.0	10.6	16.0#
122	11.6	15.4	23.0#

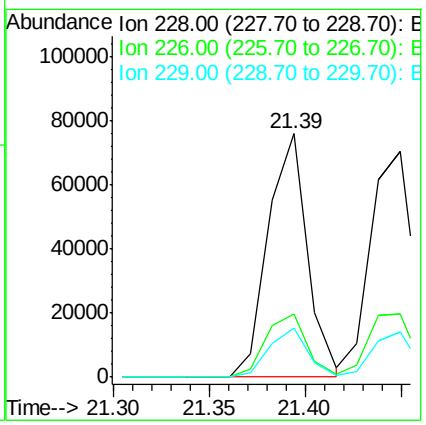


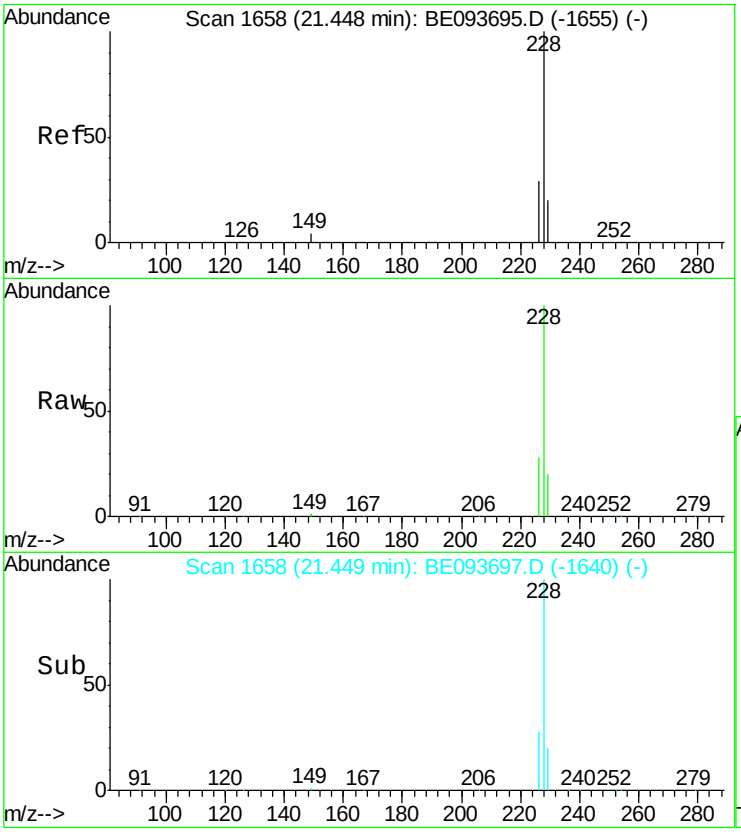


#30
Benzo(a)anthracene
Concen: 1.731 ng
RT: 21.39 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:228 Resp: 107429

Ion	Ratio	Lower	Upper
228	100		
226	26.2	19.7	29.5
229	20.0	19.2	28.8



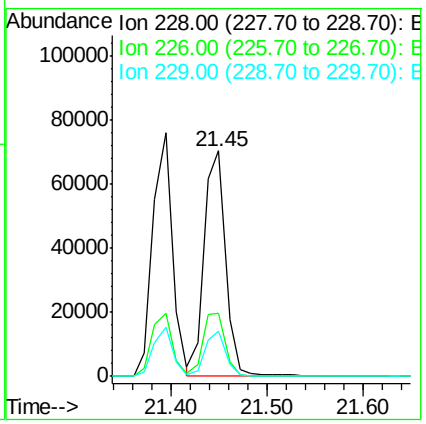


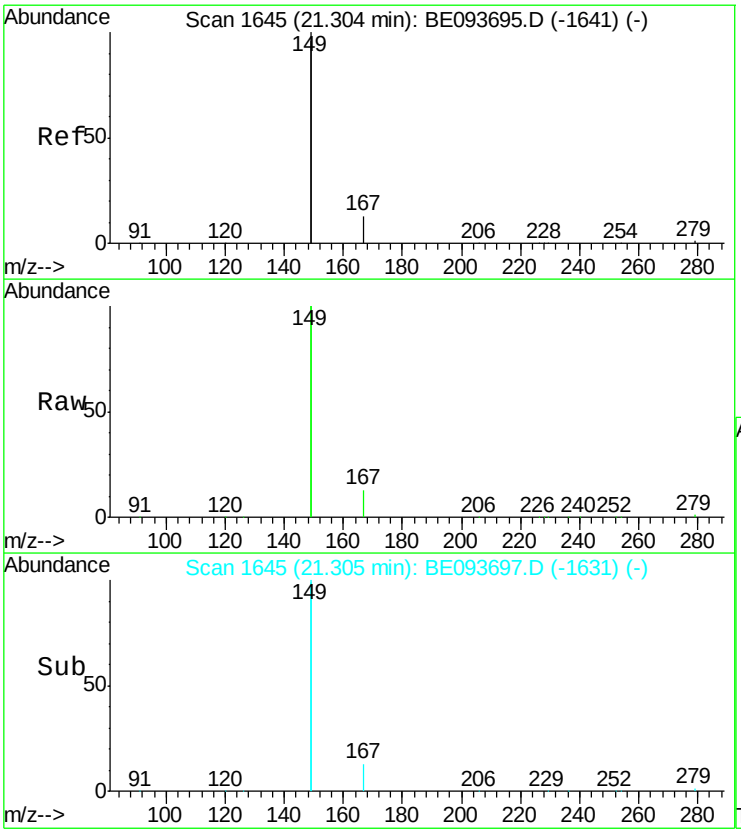
#31
Chrysene
Concen: 1.575 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 109036

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.5	32.3
229	20.2	18.6	28.0

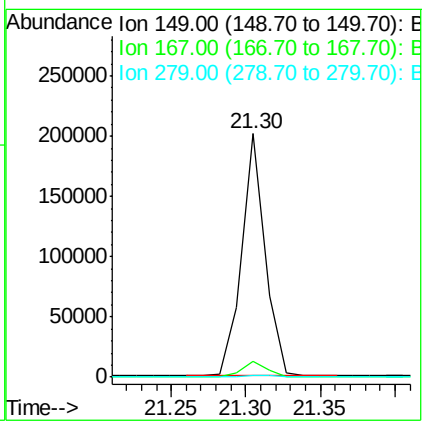


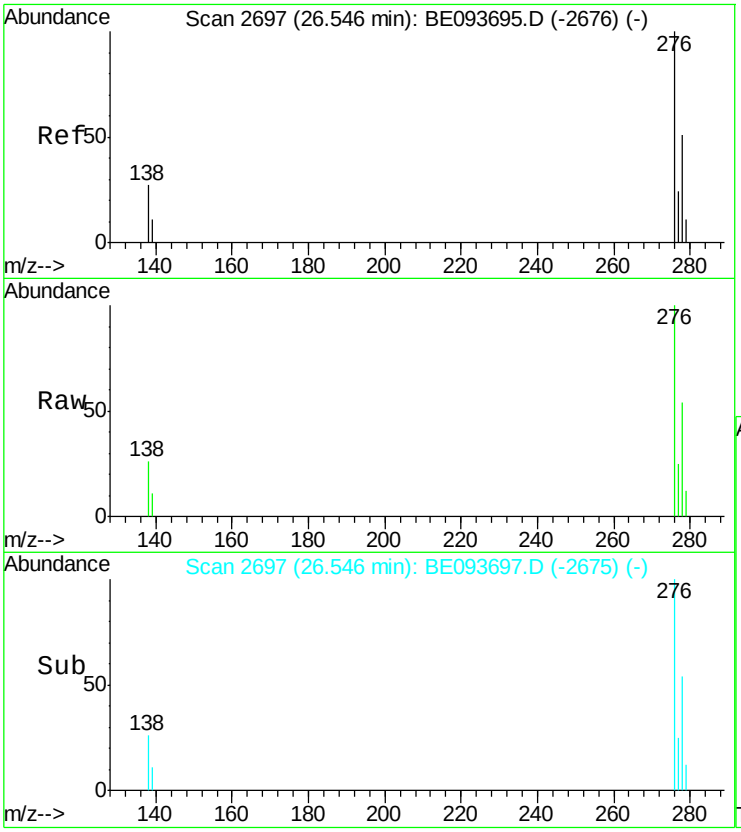


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.601 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:149 Resp: 220132

Ion	Ratio	Lower	Upper
149	100		
167	6.7	4.8	7.2
279	0.9	0.8	1.2



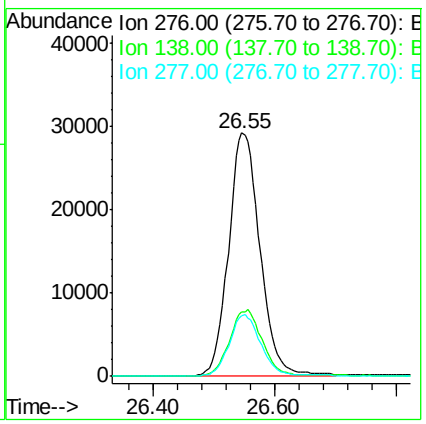


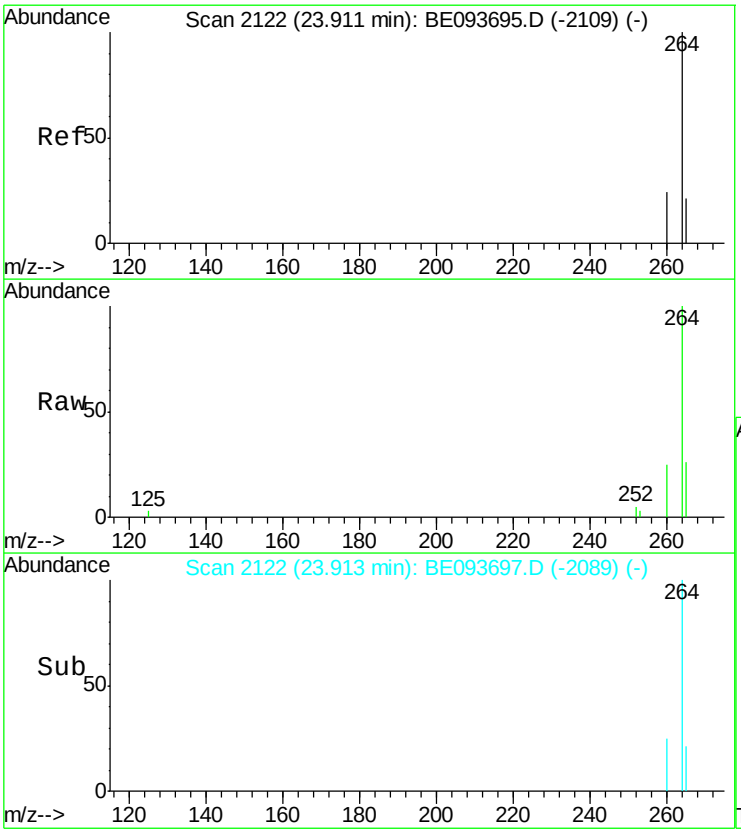
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.666 ng
RT: 26.55 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 104462

Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.4	41.2
277	25.2	20.1	30.1

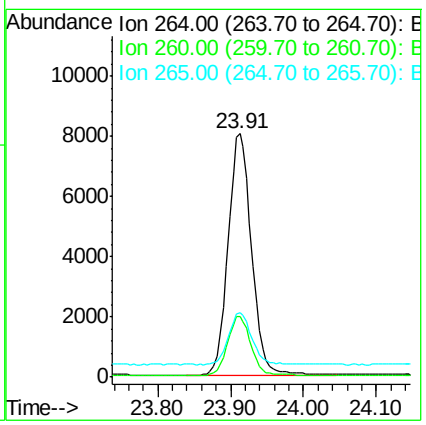


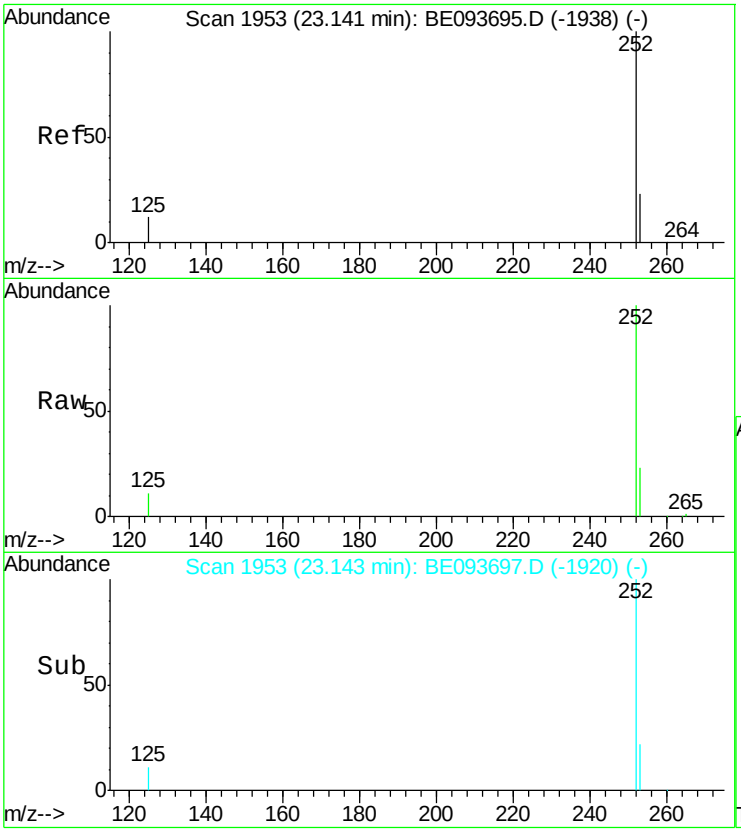


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:264 Resp: 18026

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.0	31.4
265	26.3	24.6	36.8



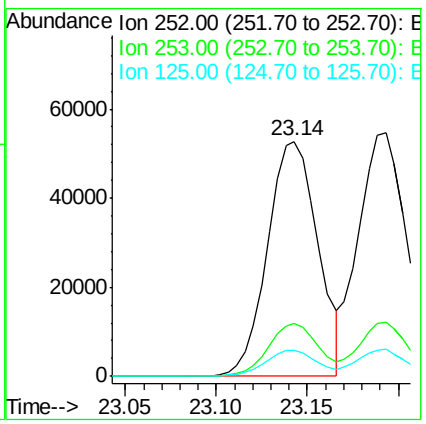


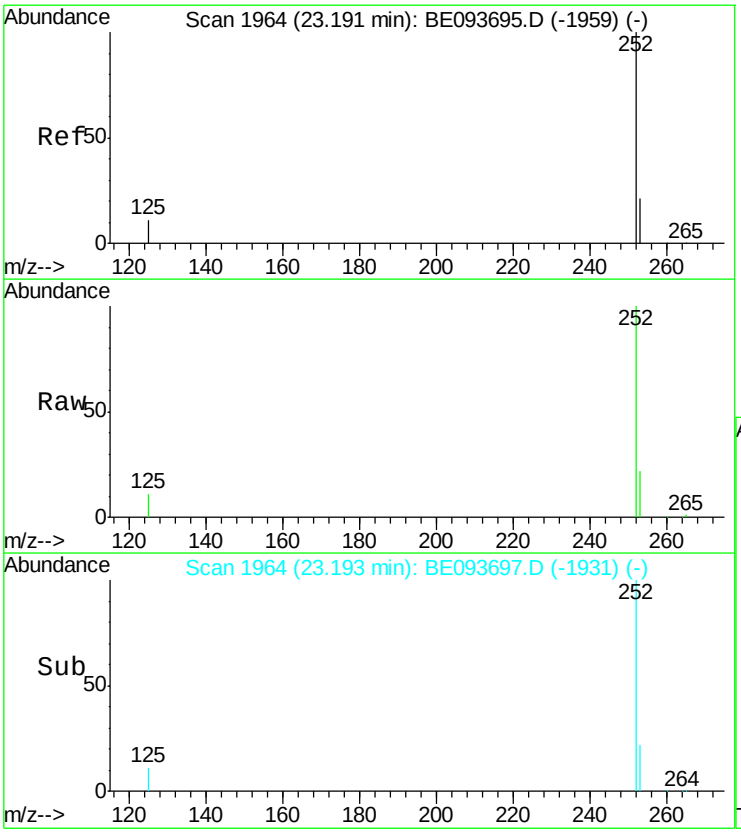
#35
Benzo(b)fluoranthene
Concen: 1.572 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 101109

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	11.0	13.4	20.0#

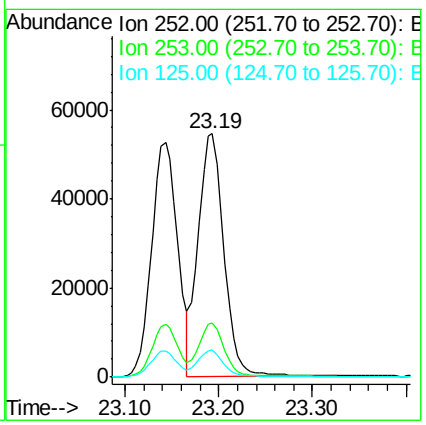


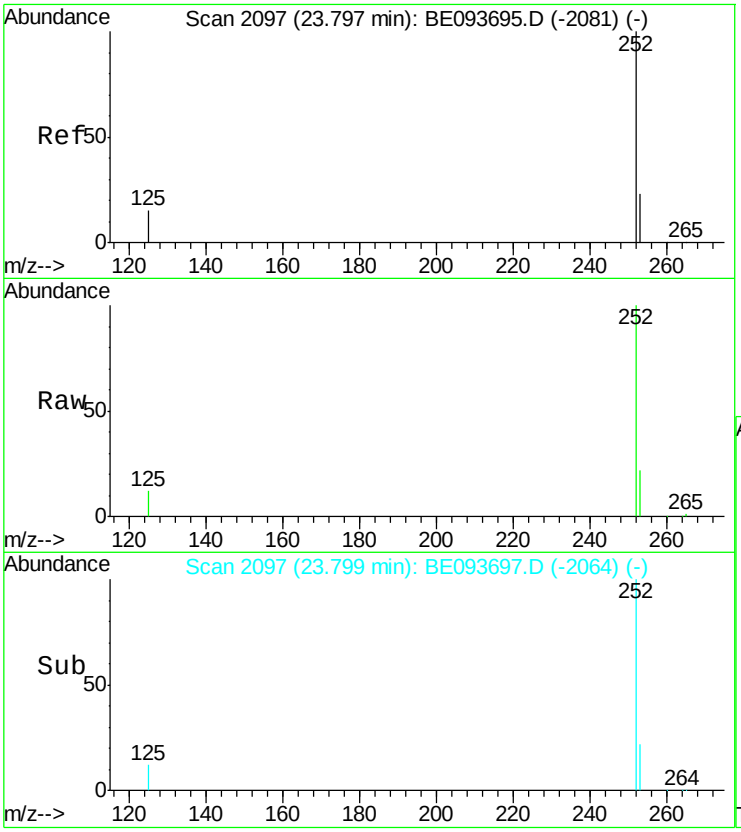


#36
Benzo(k)fluoranthene
Concen: 1.568 ng
RT: 23.19 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:252 Resp: 103101

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.3	30.5
125	11.0	12.2	18.4#



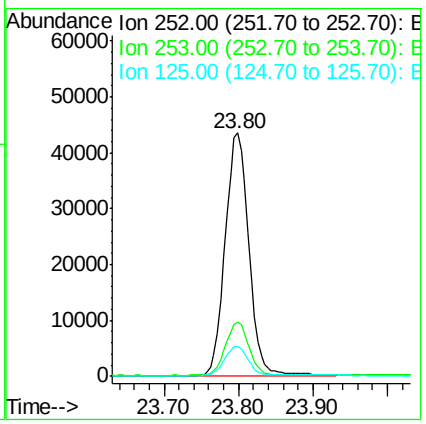


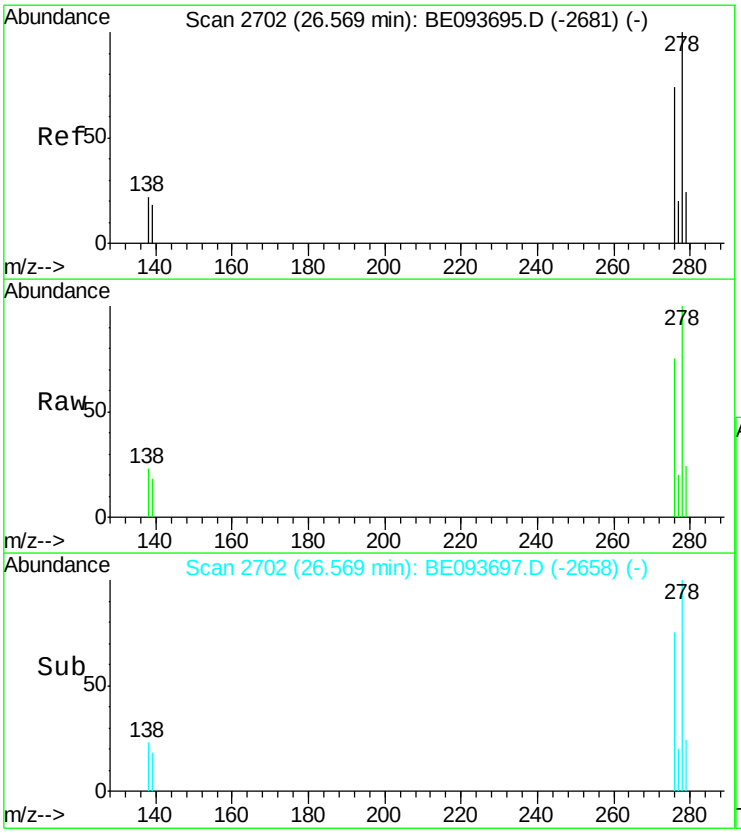
#37
Benzo(a)pyrene
Concen: 1.637 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 95381

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.9	29.9
125	12.4	14.6	21.8#

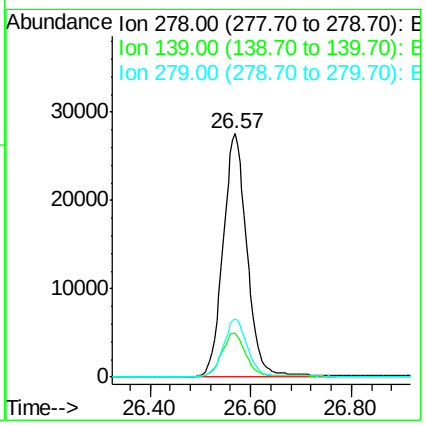


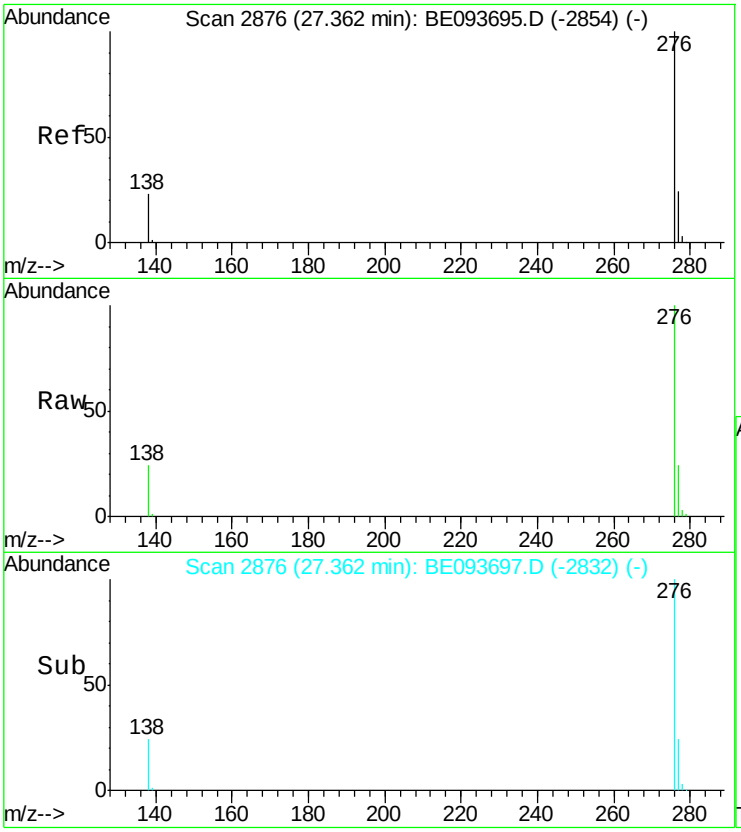


#38
Dibenzo(a,h)anthracene
Concen: 1.609 ng
RT: 26.57 min Scan# 2702
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:278 Resp: 90502

Ion	Ratio	Lower	Upper
278	100		
139	18.1	21.4	32.0#
279	23.8	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 1.582 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 90231

Ion	Ratio	Lower	Upper
276	100		
277	24.2	21.2	31.8
138	24.4	24.5	36.7#